



Digitized by the Internet Archive
in 2019 with funding from
BHL-SIL-FEDLINK

<https://archive.org/details/bulletinofamic2402unse>

Bulletin of the

American Iris Society

Number 240 □ January 1981

LIBRARY

FEB 10 1981

NEW YORK
BOTANICAL GARDEN



OLE!
From deep in the Heart of Texas
Introducing for 1981, our...



JUAN N ONLY.. \$25.00 (plus \$1.00 postage)
(Gala Madrid X Whoop 'Em Up)

Medium yellow-orange (RHS 15B) standards; deep greyed orange (175B) falls. Yellow-orange (23A) beards, and greyed orange (163B) style crests. Lighter in center of falls with yellow, green and lavender highlights. Colorful, vigorous and great garden value.

Order from this ad. No Price List. (No extras).

SKYLINE GARDENS
of Leon and Edith Wolford
7530 Forney Road Dallas, TX 75227

THE BULLETIN OF THE AMERICAN IRIS SOCIETY

Vol. LXII, No. 1

Series No. 240

Jan. 1981

USPS 075-620

Editor-in-Chief: Ann Branch Dasch, 726 Diane Ave., Stockton, CA 95207
Tel. (209) 952-3845

Associate Editor: Philip Edinger, P.O. Box 637, Cloverdale, CA 95425

Advertising Editor: Kay Nelson, P.O. Box 37613, Omaha, NE 68137
Tel. (402) 895-9112

Managing Editor: Phillip Williams, P.O. Box 41, Eagleville, TN 37060

Editorial Committee: Ben R. Hager, Julius Wadekamper, W. George Waters,
Betty Wood

Departments & Editors: Domestic News - Fred Stephenson, 5608 Merriman
Rd., S.W., Roanoke, VA 24018
Foreign News - Bee Warburton, 2 Warburton Lane,
Westboro, MA 01581
Science - Sidney DuBose, 309 Best Rd. South, Stock-
ton, CA 95205

THE BULLETIN is published quarterly by the American Iris Society, Publishing Office 6518 Beachy Ave., Wichita, KS 67206. Second-class postage paid at Wichita, KS, and at additional mailing offices. Subscription price is included in annual membership dues of \$7.50. Annual Subscription rate \$7.50 per year.

— Communications regarding **membership and dues** should be addressed to **Ronald Mullin**, Route 3, Pawnee, OK 74058.

— Communications concerning the **business matters** of the Society should be addressed to **Mrs. R. V. Ramsey**, 6518 Beachy Ave., Wichita, KS 67206.

— Communications regarding **advertising** should be addressed to **Kay Nelson**, Advertising Editor. For information about membership, advertising rates and section dues, see sections under Announcements.

— All copy due in Editor's office by Oct. 15 (Jan.), Jan. 15 (April), April 15 (July), July 15 (October). This BULLETIN was printed by Agnihotra Press Inc. and Williams Printing Company.

SECTION PRESIDENTS AND BULLETIN REPRESENTATIVES

MEDIAN IRIS SOCIETY: Lee Eberhardt, 1440 N. Fountain Blvd., Springfield, OH 45504
Larry Harder, Ponca, NB 68770

THE SOCIETY FOR SIBERIAN IRISES: D. Steve Varner, N. State St. Rd., R 1, Monticello, IL
61856; *Dr. Currier McEwen, South Harpswell, ME 04079*

SPURIA IRIS SOCIETY: Mrs. Ruth Wilder, 2219 Matthews St., SE, Huntsville, AL 35801;
Ms. Joan N. Cooper, 212 W. Country Rd. C, St. Paul, MN 55113

SOCIETY FOR JAPANESE IRISES: Adolph J. Vogt, 5101 Fegenbush Ln., Louisville, KY
40218; *W. E. Ouweneel, RR 31, Box 206, Terre Haute, IN 47803*

REBLOOMING IRIS SOCIETY: Lloyd Zurbrigg, 609 Downey St., Radford, VA 24141;
Same

DWARF IRIS SOCIETY: Elsie Zuercher, 608 San Carlos Dr., Greenwood, IN 46142; *David B. Sindt, 1331 W. Cornelia, Chicago, IL 60657*

SOCIETY FOR PACIFIC COAST NATIVE IRIS: Virginia del Judge, 121A Victoria View Dr.,
Sequim, WA 98382; *Olive J. Rice, 1914 Napa Ave., Berkeley, CA 94707*

SPECIES IRIS GROUP OF NORTH AMERICA (SIGNA) Chairman, Mrs. J. A. Witt, 16516
25th N.E., Seattle, WA 98155

LOUISIANA IRIS SOCIETY OF AMERICA (LISA): Richard J. Sloan, 2607 Louise Ave.,
Arcadia, CA 91006; *Robert C. Brooks, 418 Buena Creek Rd., San Marcos, CA 92069*

COOPERATING SOCIETY: Aril Society International: William Scott, 1946 Vedanta Place,
Hollywood, CA 90068.

THE AMERICAN IRIS SOCIETY

A nonprofit institution incorporated Feb. 2, 1927, in the County of Philadelphia, State of Pennsylvania. By the terms of the Charter, the Corporation has no stockholders and exists for the sole purpose of promoting the culture and improvement of the IRIS.

OFFICERS

President: Dr. Harold L. Stahly, 8343 Manchester Dr., Grand Blanc, MI 48439

First Vice President: Ronald Mullin, Route 3, Pawnee, OK, 74058

Second Vice President: James Rasmussen, 11 Rambler Rd., Hutchinson, KS 67501

Secretary: Mrs. R. V. Ramsey, 6518 Beachy Ave., Wichita, KS 67206

Treasurer: Stephen Kegerise, 4411 Hilldale Rd., Reading, PA 19606

Editor: Ann B. Dasch, 726 Diane Ave., Stockton, CA 95207

Registrar: Kay Nelson, P.O. Box 37613, Omaha, NE 68137

Membership Secretary: Ronald Mullin, Route 3, Pawnee, OK 74058

Librarian: Dorothy Howard, 226 E 20th St., Tulsa, OK 74119

DIRECTORS

Past Presidents: Hubert A. Fisher, Guy Rogers, Marion Walker, Dr. John W. Wister, Leon Wolford.

<i>Terms expiring in 1981:</i>	Glenn F. Corlew Julius Wadekamper	Mrs. Edward Owen Mrs. C. C. Rockwell, Jr.
<i>Terms expiring in 1982:</i>	Dr. John Harvey, Jr. Ronald Mullin	Mrs. R. V. Ramsey Dr. Harold L. Stahly
<i>Terms expiring in 1983:</i>	James G. Burch Allan Ensminger	Dorothy Howard James Rasmussem

CHAIRMEN OF STANDING COMMITTEES

Affiliates: Mrs. Edward Owen, 1411 Crest Dr., Encinitas, CA 92024

Awards: Kenneth M. Waite, 6 Tow Path La., Westfield, MA 01085

Convention Liaison: James Burch, 717 Pratt Ave., N.E., Box 3, Huntsville, AL 35801.

Exhibitions: Glenn F. Corlew, 2988 Cherry La., Walnut Creek, CA 94596

Foundation Liaison: Dr. John Harvey, Jr., 203 W. Pembrey Dr., Wilmington, DE 19802

Historical: Larry Harder, c/o Court House, Ponca, NB 68770

Honorary Awards: Leon Wolford, 7530 Forney Rd., Dallas, TX 75227

Judges Training and Judges: Mrs. C. C. Rockwell, Jr., P.O. Box 70, Fentress, TX 78622, Tel. 512-488-2365

Membership Contest: E. W. Lawler, 2114 Eldorado Way, Carrollton, TX 75006

Public Relations: Olive Rice, 1914 Napa Ave., Berkeley, CA 94707

Registrations: Keith Keppel, P.O. Box 8173, Stockton, CA 95208. Send all registration applications and \$5.00, payable to AIS, to registrar Kay Nelson, P.O. Box 37613, Omaha, NE 68137

Robins: Jeane Stayer, 7414 E. 60th St., Tulsa, OK 74145

RVP Counsellor: Allan Ensminger, Rt. 3, Lincoln, NE 68505

Scientific: Julius Wadekamper, 10078 1545th Ave., Elk River, MN 55330

Section Liaison: James Rasmussem, 11 Rambler Rd., Hutchinson, KS 67501

Slides: Dr. D. C. Nearpass, 9526 - 50th Pl., College Park, MD 20740

Test Gardens: Bennett Jones, 5635 W. W. Boundary St., Portland, OR 97221

Youth: Maryann Anning, 12864 Viscaino Rd., Los Altos Hills, CA 94022

TABLE OF CONTENTS

Symposium Results	7
Borer Survey Preliminary Results	10
HC Winners	14
After the Rainbow Fades	17
Vienna Competition Results	18
Exhibition Reports	20
Exhibition Certificates	27
Convention 81!	29
Arils, the Mystique	36
Detective Work	40
New Membership Campaign	47
How to Register & Introduce an Iris	52
Our Readers Write	53
AIS Judges	60

Regular Features

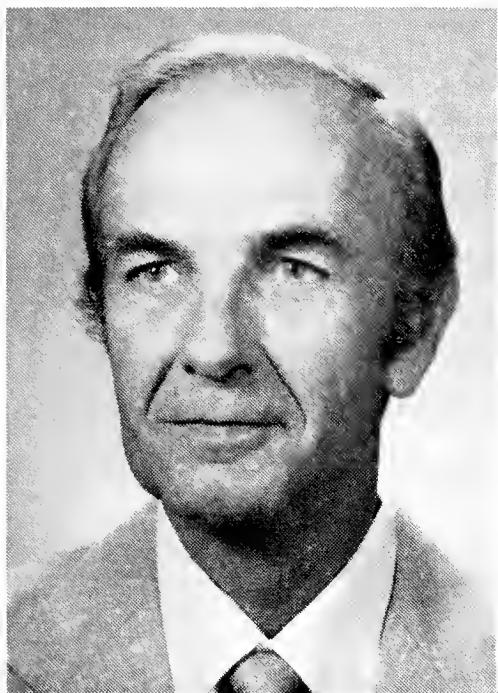
Annual Statement	4	Library	45
President's Desk	5	Youthviews	50
Bulletin Ad Rates	6	Domestic News	55
Section Rates	16	International News	57
Editor's Notebook	35	Approved Affiliates	59
Membership Rates	35	Contributions	71
Flightlines	42	Minutes	72

Advertisers

Bay View	Cover 4	McGarvey	87
B.I.S.	89	Randolph	86
Campbell	56	Robinson	83
Commercial Directory	90-95	Rudolph	Cover 3
Corlew	51	Schultz	88, 89
Cottage	48	Seminar	89
Hamblen	85	Skyline	Cover 2
Harper	70	Willott	88
Keppel	46, 49, 84		

Cover: *Mystique*, hybridized by Joseph Ghio, shows the style that captured the 1980 Dykes Memorial Medal. Photo by Sidney DuBose.

U.S. POSTAL SERVICE STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (Required by 39 U.S.C. 3685)			
1. TITLE OF PUBLICATION Bulletin of The American Iris Society		A. PUBLICATION NO. 0 7 5 6 2 0	2. DATE OF FILING 1 October 80
3. FREQUENCY OF ISSUE Quarterly		A. NO. OF ISSUES PUBLISHED ANNUALLY Four	B. ANNUAL SUBSCRIPTION PRICE Dues:\$7.50 per yr.
4. LOCATION OF KNOWN OFFICE OF PUBLICATION (Street, City, County, State and ZIP Code) (Not printers) 6518 Beachy Ave., Wichita, KS 67206			
5. LOCATION OF THE HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHERS (Not printers) 6518 Beachy Ave., Wichita, KS 67206			
6. NAMES AND COMPLETE ADDRESSES OF PUBLISHER, EDITOR, AND MANAGING EDITOR PUBLISHER (Name and Address) The American Iris Society, 6518 Beachy Ave., Wichita, KS 67206 EDITOR (Name and Address) Ann Dasch, 726 Diane Ave., Stockton, CA 95207 MANAGING EDITOR (Name and Address) Phillip Williams, P.O.Box 41, Eagleville, TN 37060			
7. OWNER (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be giving. If the publication is published by a nonprofit organization, its name and address must be stated.) NAME The American Iris Society, 6518 Beachy Ave., Wichita, KS 67206 ADDRESS No stockholders - dues paying members only (horticultural)			
8. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECURITY HOLDERS OWNING OR HOLDING 1 PERCENT OR MORE OF TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURITIES (If there are none, so state) NAME None ADDRESS			
9. FOR COMPLETION BY NONPROFIT ORGANIZATIONS AUTHORIZED TO MAIL AT SPECIAL RATES (Section 132.122, PSM) The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes (Check one) <input checked="" type="checkbox"/> HAVE NOT CHANGED DURING PRECEDING 12 MONTHS <input type="checkbox"/> HAVE CHANGED DURING PRECEDING 12 MONTHS (If changed, publisher must submit explanation of change with this statement.)			
10. EXTENT AND NATURE OF CIRCULATION		AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS	ACTUAL NO. COPIES OF SINGLE ISSUE PUBLISHED NEAREST TO FILING DATE
A. TOTAL NO. COPIES PRINTED (Net Press Run)		5584	5640
B. PAID CIRCULATION 1. SALES THROUGH DEALERS AND CARRIERS, STREET VENDORS AND COUNTER SALES			
2. MAIL SUBSCRIPTIONS		4837	5154
C. TOTAL PAID CIRCULATION (Sum of 10B1 and 10B2)		4837	5154
D. FREE DISTRIBUTION BY MAIL, CARRIER OR OTHER MEANS SAMPLES, COMPLIMENTARY, AND OTHER FREE COPIES		25	25
E. TOTAL DISTRIBUTION (Sum of C and D)		4862	5179
F. COPIES NOT DISTRIBUTED 1. OFFICE USE, LEFT OVER, UNACCOUNTED, SPOILED AFTER PRINTING		722	461
2. RETURNS FROM NEWS AGENTS			
G. TOTAL (Sum of E, F1 and 2—should equal net press run shown in A)		5584	5640
11. I certify that the statements made by me above are correct and complete.		SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER Carol Ramsey Secretary	
12. FOR COMPLETION BY PUBLISHERS MAILING AT THE REGULAR RATES (Section 132.121, Postal Service Manual) 39 U. S. C. 3626 provides in pertinent part: "No person who would have been entitled to mail matter under former section 4359 of this title shall mail such matter at the rates provided under this subsection unless he files annually with the Postal Service a written request for permission to mail matter at such rates." In accordance with the provisions of this statute, I hereby request permission to mail the publication named in Item 1 at the phased postage rates presently authorized by 39 U. S. C. 3626.			
SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER Carol Ramsey Secretary, The American Iris Society			



From the Desk of the President

Hal Stahly

The American Iris Society enters its 61st year, and, at the passage of another 10-year milepost, it seems appropriate to look briefly at our past as we go about the work that shapes the future. Some say the most remarkable thing about our organization is that it has survived, despite depression, war, internal disagreement and an increasingly hectic life style in our culture. But one could well argue that adversity and a confusingly complex world may be the very things that have allowed us not only to survive but to flourish in a modest way. The more difficult a person's life becomes, the greater need there is for sanctuary. I think AIS functions, quite properly, as such as sanctuary for many of us.

From this some conclusions may be drawn to serve as our guides. We should try to keep things as simple as possible while maintaining self-consistency. There should be assurance of maximum satisfaction and minimum discomfort for every member. We must be mutually supportive, and when problems occur, attack them with cooperation rather than confrontation. I think these conclusions are valid not only at the national level but also within our regions and, perhaps most of all, in our local societies.

Although we tend to think in "good old days" terms, troubles have always been with us. Someone has commented, "Things aren't as good as they used to be—and they never were!" While reading recently in a Bulletin from 1926, I was struck with how much the problems of a five-year-old AIS resembled those we have in our more recent history. President Wister's report speaks of delays in correspondence, late Bulletins, misunderstandings, too much to do and too little time, problems in holding costs in line with society income.

Sounds familiar! Our Bulletins are now coming out pretty much on time; but we still have difficulty with maintaining close communication,

still too many things to do and too little time and resources. And solutions can still be found in President Wister's suggestions: free expression of ideas, patience, diligence in doing our jobs, general good will.

It is necessary to mention at this point the financial difficulties we have experienced during our recent history and the course of action we felt it essential to take. You will note elsewhere in this Bulletin a new dues schedule. The Board and officers decided at the 1980 fall meeting that a dues increase could no longer be delayed. The increase is really quite modest when one considers that it is the first in about ten years—during which time prices for nearly everything have increased alarmingly.

It is true that we have recently been operating on a balanced budget, made possible by membership increases and, especially, by generous gifts from our membership. But we have over a number of years depleted our cash reserves for the operating fund. It was felt essential that the dues structure be changed so that the reserves might again be built up and that we have a firm money base to assure our operation.

Our pledge to you is that we shall continue working to maintain a "lean" budget while trying to assure the services you expect and deserve. Your comments and suggestions are always welcome. The interests of AIS are best served by getting a broad range of input from the membership. We hope to hear from you.

Hal Stahly

BULLETIN ADVERTISING RATES

Effective January 1981 Issue

COMMERCIAL DIRECTORY (Four Issues)

One-inch	\$30.00	Two-inch	\$40.00
Three-inch	\$50.00		

DISPLAY ADVERTISING (Single Issue)

One-inch	\$25.00	Two-thirds page	\$73.00
----------------	---------	-----------------------	---------

One-quarter page	31.00	Three-fourths page	82.00
------------------------	-------	--------------------------	-------

One-third page	40.00	Full page	100.00
----------------------	-------	-----------------	--------

One-half page	56.00		
---------------------	-------	--	--

Full page, color	\$200.00 plus color separations
------------------------	---------------------------------

Cover ads	\$200.00 plus color separations
-----------------	---------------------------------

All advertising copy and photographs, except color which requires individual arrangements must be received by the Advertising Editor by April 15 (July Issue), July 15 (October Issue), October 15 (January Issue) and January 15 (April Issue.)

Send advertising copy and check payable to The American Iris Society to:

Ms. Kay Nelson, Advertising Editor

P. O. Box 37613

Omaha, NE 68137

SYMPPOSIUM RESULTS

1981

Survey Compiled in 1980

POSITION		VARIETY	HYBRIDIZER	VOTES
1979	1980			
1	1	STEPPING OUT	Schreiner	592
3	2	MYSTIQUE	J. Ghio	537
2	3	BRIDE'S HALO	H. Mohr	527
5	4	MARY FRANCES	Gaulter	460
4	5	KILT LILT	Gibson	396
7	6	GOING MY WAY	Gibson	365
11	7	LEMON MIST	Rudolph	349
6	8	SHIPSHAPE	Babson	331
10	9	DEBBY RAIRDON	Kuntz	319
8	10	NEW MOON	Sexton	299
9	11	PINK TAFFETA	Rudolph	289
13	12	DREAM LOVER	E. Tams	272
16	13	BAYBERRY CANDLE	DeForest	266
20	14	VANITY	B. Hager	259
23	15	DUSKY DANCER	Luihn	258
26	16	LATIN LOVER	Shoop	254
19	17	CUP RACE	Buttrick	246
22	18	BUFFY	O. Brown	237
15	19	BABBLING BROOK	K. Keppel	235
32	19	ENTOURAGE	J. Ghio	235
34	21	JOYCE TERRY	Muhlestein	234
14	21	SON OF STAR	Plough	234
24	23	FIVE STAR ADMIRAL	Marsh	225
17	23	GRAND WALTZ	Schreiner	225
24	23	PINK SLEIGH	Rudolph	225
12	23	WHITE LIGHTNING	J. Gatty	225
17	27	QUEEN OF HEARTS	O. Brown	222
21	28	WINTER OLYMPICS	O. Brown	217
27	29	CHERUB CHOIR	G. Corlew	214
31	30	STUDY IN BLACK	Plough	203

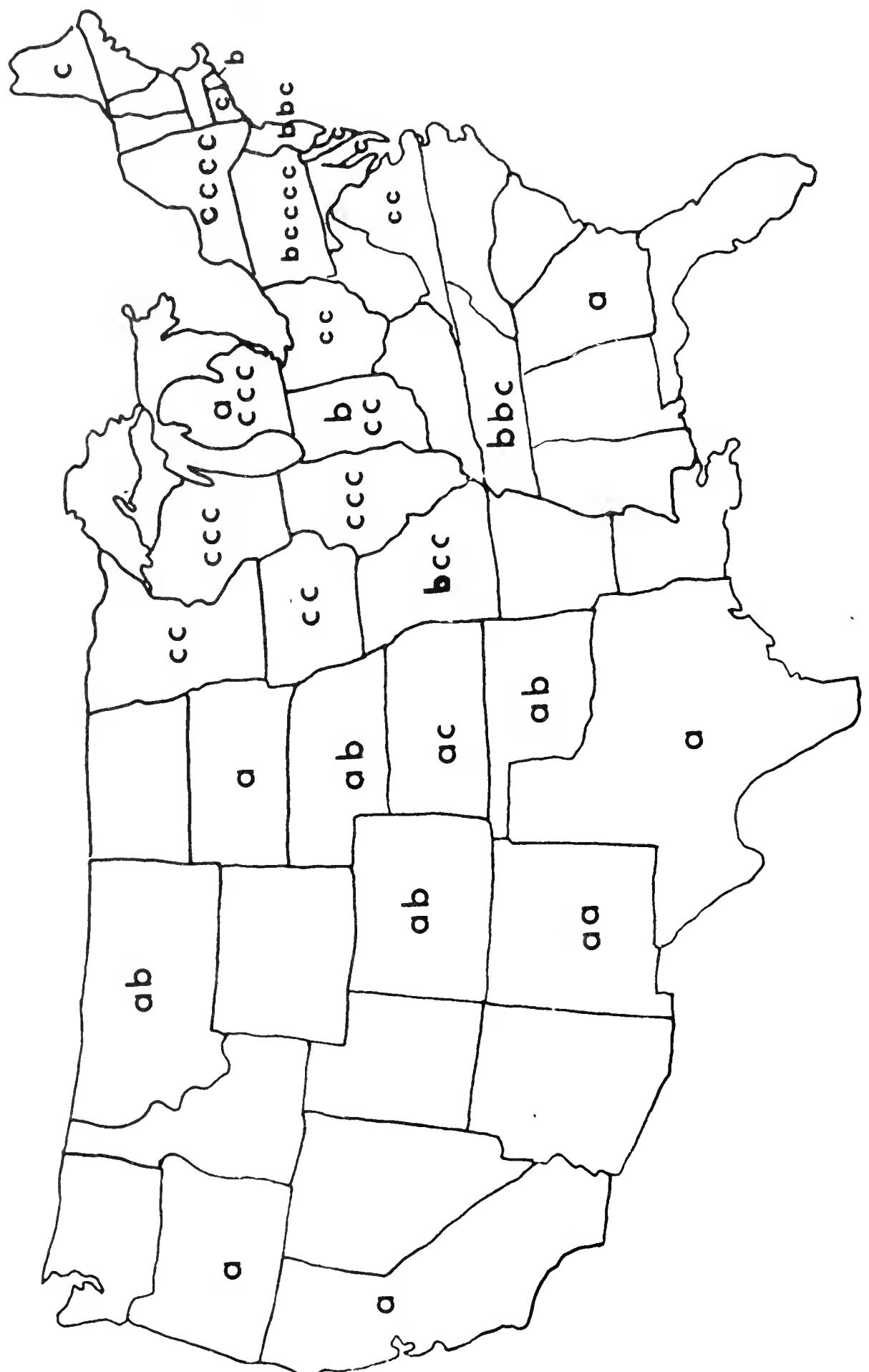
POSITION		VARIETY	HYBRIDIZER	VOTES
1979	1980			
35	31	CAMELOT ROSE	Tompkins	200
28	32	GAY PARASOL	Schreiner	192
30	33	GALA MADRID	Peterson	187
29	34	AUTUMN LEAVES	K. Keppel	183
56	35	BICENTENNIAL	J. Ghio	182
47	36	GOLD TRIMMINGS	Schreiner	178
41	37	CRANBERRY ICE	Schreiner	174
47	38	BLUE LUSTER	O. Brown	172
39	39	CARAMBA	K. Keppel	170
99	40	VICTORIA FALLS	Schreiner	169
36	40	WINNER'S CIRCLE	Plough	169
36	42	NAVY STRUT	Schreiner	165
44	43	CHRISTMAS TIME	Schreiner	161
50	43	SAPPHIRE HILLS	Schreiner	161
54	45	RASPBERRY RIPPLES	Niswonger	160
42	46	LIME FIZZ	Schreiner	157
49	47	FULL TIDE	O. Brown	153
33	48	FEMININE CHARM	Mrs. G. Kegerise	152
36	48	SKYLAB	N. Sexton	152
52	48	WINE AND ROSES	Hall	152
83	51	GENTLE RAIN	K. Keppel	150
78	51	RUFFLED BALLET	Roderick	150
81	53	ICE SCULPTURE	B. Hager	149
74	53	ORANGE EMPIRE	Hamner	149
88	55	TEMPLE GOLD	Luihn	149
46	56	RIPPLING WATERS	O. Fay	145
72	56	SPARTAN	Schreiner	145
43	58	AMETHYST FLAME	Schreiner	144
40	58	NIGHT OWL	Schreiner	144
68	60	ONE DESIRE	Shoop	142
61	61	ROCOCO	Schreiner	139
65	62	LAUNCHING PAD	Knopf	136
58	62	MATINATA	Schreiner	136
77	62	VIOLET HARMONY	Lowry	136
53	65	LAURIE	Gaulter	134
51	65	PRAISE THE LORD	Boushay	134
—	67	LOOP THE LOOP	Schreiner	133
59	67	LORD BALTIMORE	Nearpass	133

POSITION 1979	VARIETY 1980	HYBRIDIZER	VOTES
44	RANCHO ROSE	Gibson	133
83	BLUE SAPPHIRE	Schreiner	131
63	CHARMED CIRCLE	K. Keppel	131
60	GYPSY BELLE	Hamner	131
57	ERMINE ROBE	Schreiner	130
63	SOUTHERN COMFORT	Hinkle	130
65	ESTHER FAY	O. Fay	122
—	COFFEE HOUSE	J. Ghio	120
65	PEACH FROST	Schreiner	119
—	DOVER BEACH	Nearpass	118
55	ANON	Gibson	117
98	FLAMENCO	K. Keppel	117
—	MICHIGAN PRIDE	T. Berndt	117
91	SAN LEANDRO	Gaulter	117
75	WEDDING VOW	J. Ghio	117
—	SHOWCASE	Schreiner	114
—	PENNY A PINCH	Steinhauer	113
83	PINK ANGEL	Rudolph	112
83	CARVED CAMEO	Rudolph	111
71	TOUCHE	M. Hamblen	111
91	ALLEGIANCE	P. Cook	110
78	CALIENTE	Luihn	109
69	DUTCH CHOCOLATE	Schreiner	109
72	MARGARITA	Schreiner	108
93	CAYENNE CAPERS	Gibson	107
70	COUNTRY MANOR	Mrs. R. Kegerise	107
99	FRONTIER MARSHALL	Schreiner	107
83	MADIERA BELLE	Quadros	106
93	BETTY SIMON	M. Hamblen	105
75	CHAPEAU	Babson	105
—	MANDOLIN	J. Ghio	103
—	SOLANO	Luihn	102

Runners-up:

101: EXOTIC STAR; 99: ACTRESS, POST TIME; 98: BUTTERED POPCORN, OLD FLAME, PACIFIC PANORAMA, SYMPHONETTE; 97: LAWRENCE WELK, LEMON BROCADE; 96: GEORGIA GIRL, ORANGE PARADE.

BORER INFESTATION DISTRIBUTION



- a: no borers
- b: quite a few borers
- c: many borers

OUR OWN BORER SURVEY

PRELIMINARY REPORT

Betty Wood, N.J.

If you want to get a lot of interesting letters, organize a borer survey! Seventy responses came tumbling into my mailbox in reply to the request for information, published in the July, 1980, *AIS Bulletin*. This report will cover only the coded information that could be assembled relatively quickly. It will take more time to digest the detailed information in all the letters and try to give the Bulletin readers the benefit of the experiences of their fellow iris growers all over the country.

The first question was: If you never used any preventive measures, which would you have? (a) no borers, (b) quite a few borers, (c) many borers. The accompanying outline map of the United States shows the a, b, and c answers that came in from each state. Although answers from some states were all the same within the state, other states showed some differences within the state which is not surprising, considering micro-climates, differences in soils, drainage, closeness of shrubbery, etc. In general, however, the map clearly indicates that the northeastern United States is the trouble area for the borer. Homer Metcalf, reporting no borers in Montana, suggested that the cold dry winters might be the explanation for its absence. Parts of California, New Mexico, and Texas are also dry, but not cold and they are borer-free too. What about Georgia!?

The mixed reports from Nebraska, Kansas, Colorado, and Oklahoma suggest that these states mark the western boundary of borer infestation. Is it an advancing or retreating boundary?

Captain Herbert Rommel of Rhode Island has offered to subsidize the sending of postcards to every AIS member next year for a fuller representation of results. One or two answers from a whole state may not be representative.

The answers to the remaining two sections are given in tabular form, by states. The questions were: 2. What preventive measures have you found effective? _____ (Name chemical or procedure). (a) completely effective, (b) moderately effective. 3. When have you seen (give approximate dates) (a) the moth? (b) the pupae? (c) the borer in the leaves? (d) the borer in the rhizome?

Few people have seen the borer moth, which suggests that the statement that it flies at night and hides in the bushes in the daytime may be true. A

naturalist friend of mine catches moths in a moth trap that has a light in it, for use at night. Perhaps we should try to catch the borer moth this way. Have we an enterprising member who could design and manufacture such a trap to sell to irisarians? Would they work? (i.e. the traps, not the irisarians) How about a contest to see who could design the best IBM Trap?

When I shall have read and reread the many letters received I will send a further report to the *Bulletin*.

PREVENTIVE MEASURES

- (a) completely effective
- (b) moderately effective

Individual comments
separated by commas.

California

None.

Colorado

None.

Connecticut

Cygon (b), Orthene or Isotox in April plus destruction of any observed (b)

Delaware

Dazinon every 7 days (a)

Georgia

None.

Illinois

Dipel & Thurigan & Cygon 2E & Malathion & Sevin none effective, Dyston (b) and Chlordane drench (b), Cygon and destruction (b)

Indiana

Cygon C2 (a), Open windy location and frequent moving (b), Cygon 2E three times in April and May (a)

Iowa

Sevin (b), Cygon 2E soak.

Kansas

Cygon 2 (b), None.

Maine

Cygon 2E (a)

Maryland

Cleanup in April, then Azidrin every week (b)

Tennessee

None, Cygon 2E (a), Cleanup, Cygon 2E twice in March.

Texas

None.

Virginia

Cygon or Isotox (b), Cygon E2 (b)

Wisconsin

Sevin (b), Cygon 2E, Malathion (a)

SIGHTINGS

e, m, and l stand for early, middle, and late. a, M, j, J, A, S, and O for the months, in proper order. N means never. Individual comments separated by commas.

State	The moth	The pupae	The borer in leaves	The borer in rhizome
California	N	N	N	N
Colorado	N	N	N	N
Connecticut	S,N	mA, 1J-S	J,mM-mJ	A,J-A
Delaware	N	J-O	mA	mM-eJ
Georgia	N	N	N	N
Illinois	M-A, summer, N	J-S, J on, A-S	a-A, M-J, 1M-J	J-S, J-O, J-A
Indiana	N,N	J-A,N	M,M-j	lj, J-A
Iowa	N,N	A,N	M-j, j-S	lj,S
Kansas	N,N	N,N	mM,N	lj,N
Maine	N	early	N	lj-1A
Maryland	N	eS	j	lj-A
Michigan	N,N,A	A-S,J,J-S	ej,M-j,M-j	mJ-A,J-A
Minnesota	N,N	A,N	j, ej on	J, mJ-mA
Missouri	N,N	N,1A	N,eM on, a-frost	N,J, fall
Montana	N,N	N,J-A	N,mM on	N,j on
Nebraska	N,N	N,N	N,M-j	N,J
New Jersey	N,N	N,N	A,j	A,J,mA
New Mexico	N,N	N,N	N,N	N,N
New York	N,N,N,N	1A,A,eS	jj,M,J-A,mj	JA,J,J-O,mj
Ohio	rarely	e-mA,	M-S,m-1M	J, J on
Oklahoma	N,N	N,N	N,a	N,a
Oregon	N	N	N	N
Pennsylvania	O,N,1A,N	S,1A,N,J-A, J-A	1M-J,ej,A-M, ej,eM on	A-S,JA,1J- eA,J,mJ
Rhode Island	N	N	N	N
South Dakota	N	N	N	N
Tennessee	N,N,N,N	N,N,M-S	spring,N,a-M	summer,N,j-S
Texas	N	N	N	N
Virginia	N,N	A-S,N	N,A-j	J-A,A-S
Wisconsin	N,one,N	A,O,N	1M-J,M-j,M-j	J-A,J,1j

IRISES WINNING HIGH COMMENDATION, 1980

Votes

	BENSON, CLIFFORD
6	76-48
6	77-12A
	BLODGETT, ARTHUR
6	76-26
	BROWN, OPAL
5	77-4N3
6	73-16B2
	DENNEY, DON
7	SPECTACULAR BID
	GATTY, JOSEPH
10	NEFFERTITI
	GHIO, JOSEPH
5	VENEER
	GIBSON, JAMES
12	83-4A
	HAMBLEN, MELBA
14	CAPRICIOUS (H75-105g)
16	CORAL SATIN
25	ORANGE STAR (H74-43-A)
15	RON (H74-79F)
	HAMNER, BERNARD
5	75-143
	JOHNSON, ROYAL
8	K-86-A
8	K-280-A
	JONES, WILLIAM
23	73-40-A
	McNEEL, WALTER & FREEDA
8	B92
	McWHIRTER, JAMES
8	BRANDY
28	LOVE MAGIC (J77-22-1)
	MEEK, DUANE
6	B-4I-2-4

Votes

	NELSON, IRIS
10	3473A
5	34-73YR
	NELSON, ROGER
12	SIMPLE DREAMS (RN76-27A)
	NISWONGER, DAVE
9	20-77
5	9-78
	PALMER, DOROTHY
5	CONSENSUS (1577A)
11	EASTER FINERY (1477A)
5	SEEKER (2776B)
5	4975-A
	PETERSON, LES
7	LP77-20
10	LP77-9-10B
	REINHARDT, ROBERT
10	CREAM LACE (75-40)
	RODERICK, ELVAN
8	P7919
7	PLEATED GOWN
	RUDOLPH, NATHAN
5	ANTIQUA BAND
5	CANYON ROSE (70-10)
55	77-77
	SCHREINER'S
6	J229-A
7	K80-A
	SIMON, WILLIAM
8	LADY LILA (12-43-20)
10	6-21-7
8	16-73-12
9	20-12-12

TALL BEARDED (continued)

Votes		Votes
	SLADE, GEORGE	WAGSTAFF, KEITH
5	75-17-1	10 KW76-110-3
	STEVENS, STEVE	8 KW78-108
5	RED REWARD (76-12-18)	7 KW78-105-2
	TAMS, ESTHER	
13	T-12-79	WILLIAMSON, BRYCE
	TOLMAN, BION	6 FICTION
5	68-55-1	5 LULLABY OF LOVE
6	72-38-1	5 3875-1

BORDER BEARDED

HAMBLEN, MELBA	PETERSON, LES
13 BLOND ANGEL (74-63-1)	11 LP77-19B
MACHULAK, AUDREY	
6 80-10	

INTERMEDIATE BEARDED

DYER, PERRY	WALTERMIRE, MRS. C.
6 F-3	9 CW77-1
JEFFRIES, ROBERT	13 CW77-2
10 J74-D6-Y	6 CW74-17
JOHNSON, ANN	WILLOTT, D & A
20 MUFFIN (71-224B)	5 LILAC POINT (78-212)
JONES, WILLIAM	6 80-71
6 72-29E	

STANDARD DWARF BEARDED

BLOODGETT, RAMONA	WILLOTT, D & A
6 D-4-79	5 DAINTY DIANA (78-194)
DYER, PERRY	5 JEWEL LAKE (79-74)
14 WIZARD OF IZ (G-26)	5 ORIENTAL BLUSH (78-130)
7 D1	

MINIATURE DWARF BEARDED

WILLOTT, D & A
5 ALPINE LAKE (78-51)

ARILBRED

FLANAGAN, LIN	ROGERS, MARK
6 DESERT MONARCH	17 68-7
9 THUNDERSTORM	17 70-1-C
PETERSON, LES	
12 LP78-12AA	
13 DAWN CARESS	

LOUISIANA

ARNY, CHARLES, JR.
5 BOLD CAJUN

REGIONAL TEST GARDEN AWARD REGION 7

CODE	HYBRIDIZER	SEEDLING NO.
6 7-78-24 & 7-78-30	6-2-2 MOHR, KEN	

AIS SECTIONS MEMBERSHIP RATES

	single annual	single triennial	family annual	family triennial
Median Iris Society	2.50	6.25	2.75	7.50
Society for Siberian Irises	2.50	6.50	3.00	7.50
Spuria Iris Society	2.50	6.00	3.00	7.00
Society for Japanese Irises	2.00	5.00	2.50	6.00
Reblooming Iris Society	3.00	7.00	4.00	10.00
Society for Pacific Coast Native Iris ...	4.00	10.00	5.00	12.00
Species Iris Group of North America ..	3.00	9.00	6.00	18.00
Louisiana Iris Society of America	2.00	5.00	2.00	5.00
Dwarf Iris Society	2.00	6.00	3.00	9.00

Membership in AIS Sections is open to all AIS members. Payment may be made directly to the Section; or may be made payable to the American Iris Society and sent to AIS Membership Secretary, Ronald Mullin, Route 3, Pawnee, OK 74058. Note: Section memberships and AIS memberships must have the same expiration date.

Basic gardening care for the Rainbow Goddess

AFTER THE RAINBOW FADES AFTER THE RAINBOW FADES AFTER THE RAINBOW FADES

by Dr. Candy Williamson
Assistant Professor, Horticulture
Berry College
Mt. Berry, GA

It's a sad moment when you realize that the last iris of the season has just blossomed. Luckily, the iris companies jump right in after blooming season with their luscious catalogs—and pouring over the new varieties helps ease the irisarian's late season woes. However, taking some time to care for the remnants of the garden that gave you so much pleasure in the spring is even more constructive.

The removal of spent flower stalks will give the garden a neater look. It will also discourage the stalk from pulling off a strip of rhizome when it falls, thus leaving it susceptible to soil rot.

Irisarians frequently argue over whether to remove leaves from bloomed-out plants, one side claiming that immediate removal is best and the other that the plants need the leaves all year. I take a middle road and remove leaves after they turn brown; irises do need leaves for a while after blooming to manufacture food but there's no need to keep dead leaves around the plant. Pests lay eggs in dead leaves and diseases may breed on them, so practice clean cultivation—not only by removing and burning brown leaves but also by keeping your garden free of weeds. A mulch, if appropriate for your gardening conditions, should reduce weed problems *and* the need for watering.

If you plan to divide overcrowded irises, it can be done after bloom season. Do remember to cut back leaves about 1/3 when you do this, for root loss during digging is almost inevitable and a certain root/leaf ratio is important for healthy plants.

While you're working with your plants, check them carefully for signs of insects and diseases, especially borers and soft rot. At Oak Hill we have managed to stem an annual borer plague by planting ornamental allium around the irises.

Given extra care after they bloom, your irises will repay you in the future with a more brilliant rainbow.

RESULTS, INTERNATIONAL DWARF IRIS COMPETITION, VIENNA 1980

State prize: SNOW FESTIVAL, Cleo Palmer, U.S.A. Pure white, rather late median.

Special prizes of the German Society for Perennials:

1. SPITZBUBE, Eva Heimann, West Germany. Lemon yellow dwarf iris with completely pointed blossoms, a form not previously seen.
2. LIEBLING, Joe Gatty, U.S.A. White median with blue and green tinted throat, standards standing almost perpendicular!

Group 1: Dwarf irises (MDB)

1. ZIPPER, David Sindt, U.S.A. Light yellow, blue beard.
2. PENNY CANDY, M. Hamblen, U.S.A. Ocher, blue beard.
3. GIZMO, B. Hager, U.S.A. Light violet with purple spots.

Group 2. Small irises (SDB)

1. ROYAL ELF, A. Brown, U.S.A. Violet black, beard same.
2. JAN REAGAN, K. Shaver, U.S.A. Violet blue.
3. ERLKONIG, Denkewitz, West Germany. Purple violet.
4. SAPPHIRE JEWEL, M. Hamblen, U.S.A. Light blue.
5. HOOLIGAN, J. Boushay, U.S.A. Yellow bitone.
6. LITTLE DITTY, Brown, U.S.A. Light ice blue.
7. TEMPT ME, B. Hager, U.S.A. Wine red.
8. SAINT TERESA, Nichols, U.S.A. White, green-tinted throat.

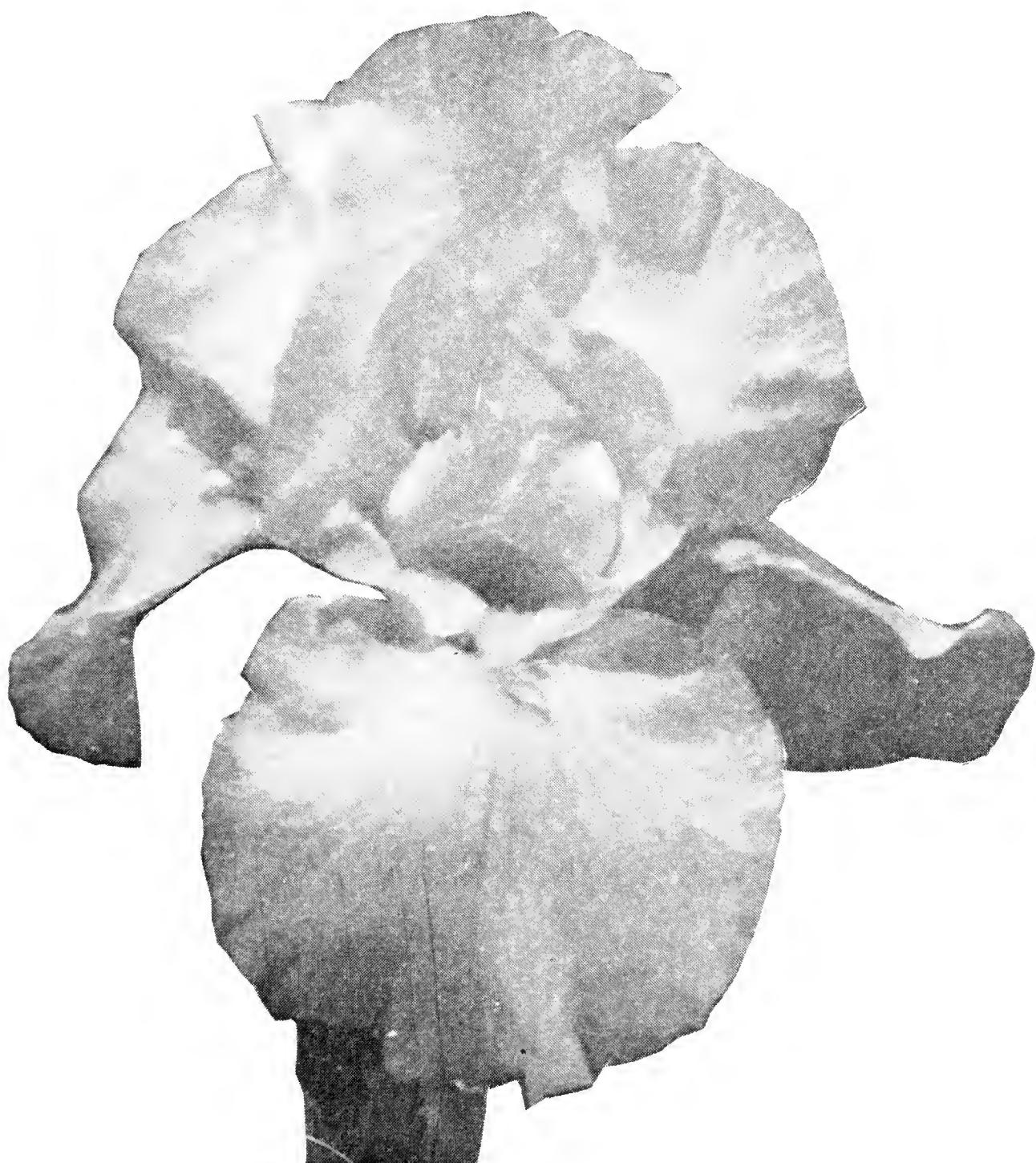
Group 3. Intermediate, border, and table irises (IB,BB,MTB)

1. BOLD PRINT, J. Gatty, U.S.A. Dark blue plicata.
2. VORFREUDE, Heimann, West Germany. Blend in light gray, blue, violet, and purple tones; long blossoms.
3. SCOUT'S HONOR, Joe Gatty, U.S.A. Light brown floriferous border.
4. LIESKLIND, Kurzmann, Austria. Flamingo pink border.
5. BATTLE SHOUT, J. Boushay, U.S.A. Cedarwood red.
6. RASPBERRY BLUSH, M. Hamblen, U.S.A. Lilac pink with dark spot.
7. HOT PURSUIT, Brown, U.S.A. Dull yellow ocher, beard violet, outstanding and strange.
8. LOM, Dr. M. Blazek, Czechoslovakia. Light salmon pink.

Group 4. Arilbreds

1. HUMMELFLUG, Dr. Ramisch, West Germany. Lilac blue, spot dark violet.
2. LADY BERNSTEIN, H. Mathes, West Germany. Apricot and brownish red. Spot radiating, beard broad.
3. HIMMEL UND ERDE, H. Mathes, West Germany. Standards lavender colored, falls brownish rose, spot red, pointed. Beard bronze, very big.

The above report was received from Franz Kurzmann. He is writing a commentary on the 1980 competition to soon be published in *The Medianite*.



SNOW FESTIVAL, 1975 IB, by Cleo Palmer, winner of the top award.

Exhibition Committee Report for 1980

Glenn F. Corlew, Chairman

During the 1980 season schedules for 138 shows were approved. Of these, 131 were held as planned and timely reports submitted. This is a gain of 2 shows over the 129 that were reported in the 1979 season. Region 14 (Northern California and Nevada) headed the list with 15 shows including one All Seedling Show. Following closely were Region 18 (Kansas and Missouri) with 14 shows and Region 6 (Ohio, Michigan and Indiana) with 13 shows.

The race for the Nelson Award brought a first time winner for this distinction. Larry Gaulter's MARY FRANCES won the Best Specimen at four widely scattered shows — Denver, CO, Edmond, OK, Lansing, MI and Waco, TX. Runnersup were COUNTRY MANOR and STEPPING OUT with three Best Specimen Awards each. Two time winners were HOCUS POCUS, LOOP THE LOOP, RASPBERRY RIPPLES, SAN LEANDRO, SONG OF ERIN and TEMPLE GOLD. It is interesting to note that STEPPING OUT, the many time winner of the Nelson Award, made a strong comeback after not having been chosen Best Specimen at any show during the 1979 season.

A total of 117 varieties are represented in the Best Specimen column. A breakdown by type shows 80 Tall Bearded, 5 Aril and/or Arilbred, 1 Border Bearded, 3 Intermediate Bearded, 9 Standard Dwarf, 4 Miniature Dwarf, 1 Californicae, 6 Louisiana, 3 Spuria, 4 Japanese and 1 Species.

Exhibition Certificates were issued to 153 un-introduced irises. This total is up appreciably from the 1979 season when 138 Certificates were awarded. The 153 Certificates represent the work of 98 hybridizers.

Details of the various shows are contained in the complete report that follows.



Marriott Hotel in St. Louis will be the site of the show hosted by the Greater St. Louis Iris Society during the AIS national convention.

AWARD WINNERS

AMERICAN IRIS SOCIETY SHOWS — 1980

Place of Show	Silver Medal	Bronze Medal	Best Specimen	Exhibitor
REGION 1				
MAINE				
Auburn	Shirley Pope	The Moors	Loop the Loop	Shirley Pope
Norway	Shirley Pope	Robert Sobek	Queen's Pawn	Shirley Pope
MASSACHUSETTS				
Barre	Barbara Roberts	Mike Pryor	Gay Cloud	Mike Pryor
REGION 2				
NEW YORK				
Baldwinsville	William B. Cooper	Doris Copper	Neptune's Pool	John W. Munro
Buffalo	Edward Valentine	Cliff Lightheart	Odyssey	Cliff Lightheart
REGION 3				
PENNSYLVANIA				
Pittsburgh	Ray Rogers	John C. Baron	Southern Comfort	Walter C. Betzold
Wyomissing	Evelyn Kegerise	Sterling Innerst	Modern Classic	Sterling Innerst
York	Sterling Innerst	George C. Bush	Ivory Gown	Jack Bailey
REGION 4				
MARYLAND				
Easton	Richard Kleen		Flamenco	Mrs. Hattie Curry
Lutherville	Mr. & Mrs. William E. Barr	Mrs. Andrew C. Warner	Vanity	Mr. & Mrs. William E. Barr
NORTH CAROLINA				
Burlington	J. D. Stadler	Dr. E. Roy Epperson	Milestone	J. D. Stadler
Charlotte	Sydney Cowell	Fran Cline	Stepping Out	Mrs. James Hughes
REGION 5				
GEORGIA				
Atlanta	M. B. Satterfield	Harry Turner	Mandolin	Harry Turner
Milledgeville	Mr. & Mrs. Joe Scott Watson	Mr. & Mrs. Ernest Yearwood	Singing Pines	Alma Burgamy
SOUTH CAROLINA				
Columbia	Earnest Yearwood	Mrs. George Plyler	Raspberry Ripples	Earnest Yearwood
Summerville			Peacock Dance	Mrs. Wells E. Burton
REGION 6				
MICHIGAN				
Grand Blanc	Marlyn Nelson	Helen Dimmitt	High Life	Angie Morgan
Grand Rapids	Ivan Kinney	Evelyn Northrup	Blue Polka Dots	Ivan Kinney
Grand Rapids	Anna Mae Miller	Sandra Olson	Study In Black	Ivan Kinney
Kalamazoo	Freda Hazzard	Onnilee Katz	San Leandro	Frank Grodick
Kalamazoo	Mr. & Mrs. James Copeland	Anna Mae Miller	Gold Bound	Mr. & Mrs. James Copeland
Lansing	Carroll Lewis	Robert D. Northrup	Mary Frances	R. Scott Lewis
Mio	Nelson Yoder	Opal Fullerton	Stepping Out	Nelson Yoder
Pontiac	Harold Stahly	Harris Olson	British Blush	Harold Stahly
OHIO				
Akron	Mr. & Mrs. Anthony Willott	Mr. & Mrs. William Rhodes	Hocus Pocus	Mr. & Mrs. William Rhodes
Akron	Mr. & Mrs. Otho Boone	Mr. & Mrs. Anthony Willott	Leasure Day	Fred Taylor
Cleveland	Mr. & Mrs. Anthony Willott	Mrs. Jack Witham	Bride's Halo	Mrs. Jack Witham
Dayton	David Rawlins	Lynda B. Foreman	Brass Tacks	Earl Hall
Mansfield	Pauline C. Reindl	Joan Iler	Loop the Loop	Charles Applegate
REGION 7				
KENTUCKY				
Lexington	George Slade	Albert Dierckes	Rondo	H. C. Mohr
Louisville	Rodney Adams	Bea Strohman	New Snow	Mrs. David Schroeder
TENNESSEE				
Lebanon	Mrs. Lee A. Irwin	Amy Jo Grissim	Violet Harmony	Mrs. Ira York
Lewisburg	Mrs. Frank Tyree	Mrs. Joe Loyd Turner	San Leandro	Mrs. Kearney Crick
Memphis	Mr. & Mrs. Joe Saia	Mrs. Sarah Parker	song of Erin	Mr. & Mrs. Joe Saia
Murfreesboro	J. L. Christopher	Joan & Phil Williams	Temple Gold	J. L. Christopher
Nashville	Mrs. Hardie E. McMahon	Mr. & Mrs. Earl Tenpenny	Latin Lover	Mrs. Brenda Davis

REGION 8

MINNESOTA

Chaska	Inge Hempel	Sigrid Dalgaard	Garnet Elf	Mr. & Mrs. W. G. Sindt
Chaska	Julius Wadekamper	W. L. Jefferies, MD	Neophyte	Joan Cooper
Chaska	Joan Cooper	Dr. Donald W. Koza	Prairie Tapestry	Dr. Donald W. Koza
Minneota	Vera Orsen	Hazel Borson	Angel Choir	Hazel Borson
Roseville	Julius Wadekamper	Joan Cooper	Country Manor	Mary Duvall

WISCONSIN

Fond du Lac	Martha Wilkins	Nadine Yunkers	Pearl Chiffon	Nadine Yunders
Wauwatosa	Royal O. Johnson	Melvin Bausch	White Gem	Melvin Bausch
Wauwatosa	Fred Jahnke	Melvin Bausch	Surf Rider	Norman Frisch

REGION 9

ILLINOIS

Fairview Heights	Sheldon H. Butt	Gloria Vinton	Sentry	Sheldon H. Butt
Lombard	Mrs. Marge Hagberg	Donovan Albers	Little Redskin	Mrs. Dorothy Brien
Lombard	Charles Simon	Mrs. Marge Hagberg	Raspberry Ripples	Charles Simon

REGION 10

LOUISIANA

Lafayette

Robert Andrus	Charles W. Arny, Jr.	Blue Duke	Patrick O'Connor
---------------	----------------------	-----------	------------------

REGION 12

UTAH

Salt Lake City	Charlotte Easter	Bion Tolman	Special Pleasure	D. C. Anderson
Salt Lake City	Cathy Hagan Reed	Charlotte Easter	Patriot Dream	Charlotte Easter

REGION 13

OREGON

Portland

WASHINGTON

Spokane

Tacoma

Walla Walla

REGION 14

CALIFORNIA

Benicia

Capitola

Fresno

Hanford

Mt. View (Fall)

Mt. View

Redding

Sacramento

San Jose

Santa Rosa

Ukiah

Weott

NEVADA

Henderson

Las Vegas

REGION 15

ARIZONA

Phoenix

Phoenix

Tucson

CALIFORNIA

Arcadia

Canoga Park

Los Angeles

San Bernardino

Woodland Hills

REGION 17

TEXAS

Amarillo

Belton

Dallas

El Paso

Fort Worth

Lubbock

Midland

New Braunfels

Sherman

Waco

Fairview Heights	Sheldon H. Butt	Gloria Vinton	Sentry	Sheldon H. Butt
Lombard	Mrs. Marge Hagberg	Donovan Albers	Little Redskin	Mrs. Dorothy Brien
Lombard	Charles Simon	Mrs. Marge Hagberg	Raspberry Ripples	Charles Simon

Robert Andrus	Charles W. Arny, Jr.	Blue Duke	Patrick O'Connor
---------------	----------------------	-----------	------------------

Salt Lake City	Charlotte Easter	Bion Tolman	Special Pleasure	D. C. Anderson
Salt Lake City	Cathy Hagan Reed	Charlotte Easter	Patriot Dream	Charlotte Easter

John Dorr	Swight Booth	Country Manor	Swight Booth
Helen Nelson	Laura Buelow	Country Manor	Glenn Corlew
Verna Cook	Pat Farmer	Neon Rainbow	Lilly Gartman
Don Boen	Frances Smith	Gala Gown	John Weiler
			Payson Vucovich

Berkeley Hunt	Helen Cochran	Roustabout	Glenn Corlew
Berkeley Hunt	Elmer Filbey	Soquel Cove	Lilly Gartman

Francis Svob	Dorald Shepard	Imperial Bronze	John Weiler
Dorald Shepard	Katie Romero	Bettermint	Payson Vucovich
Dibbie Nihan	Rick Gum	Perfume Counter	Melrose Gardens
		Lookin' Good	Glenn Corlew

Doris Foster	Richard Sloan	Royal Affair	Glenn Corlew
Claire Hood	Myrna Pollock	Bordello	Lilly Gartman
F. Duncan Eader	Richard Sloan	Piety	John Weiler
Hamner's Iris Gardens	H. C. Holk	Temple Gold	Payson Vucovich
	Debbie Sylvies	Wedding Vow	John Holdan

Louise Nichols	Delpha Downing	Gay Image	Glenn Corlew
Mrs. Doyle Gray	Mrs. Lillian Burnside	Sierra Dawn	Lilly Gartman
Peggy Williams	Peggy Hammel	Silent Patriot	John Weiler
Mrs. Niki Riddler	Mrs. Lu Stopani	Samaritan	Payson Vucovich
Peggy Williams	Mrs. R. C. Blevins	Happy Bride	Glenn Corlew
Mrs. Ruby Harris	Mrs. Edgar Jarman	Pop O'Sha	John Holdan
Linda Cranfill	Jean Eads	Summer Sunshine	Lilly Gartman
Jim Allen	Kenneth Triesch	Entourage	John Weiler
Gwen Bush	John C. Moore	New Moon	Payson Vucovich
Hazel Haik	Q. Perry Potts	Mary Frances	Glenn Corlew

REGION 18

KANSAS

Dodge City	Jonel Bell	Marti Woods	Grand Finale	Arthur Cole
Garden City	Keith Fillmore	Robert Jeffries	Winter Olympics	Jane Mark
Hutchinson	John Nichols	Mrs. Betty Hill	Moon River	James Rasmussen
Parsons	Phyllis Harrington	Mrs. Russell Morgan	Fi-Lee	Mrs. Russell Morgan
Parsons	Gladys Young	Phyllis Harrington	Flair	Gladys Young
Selden	Mrs. Charles Heisz	Mrs. Fred Zodrow	Geraldine Margaret	Mary Heisz

WICHITA
MISSOURI

DeSota	Frances Boyd	Lola Reynolds	Kilt Lilt	Frances Boyd
Festus	Frances Boyd	Polly Chism	Nylon Ruffles	Lola Reynolds
Joplin	Mrs. Bob Crockett	Mrs. T. J. Archer	Happy Mood	Mrs. T. J. Archer
Joplin	Thrumen Archer	Mrs. Clara Puett	Lord Baltimore	Thurman Archer
St. Louis	Roy Bohrer	James Morris	Brassie	James Morris
St. Louis	Sheldon H. butt	Roy Bohrer	Brown Lasso	Roy Bohrer
Washington	Edna Dutton	Frances Boyd	Song of Erin	Edna Dutton

REGION 19

NEW JERSEY

Princeton	Franklin Carr	Violet Edson	Prized Possession	Vi Edson
-----------	---------------	--------------	-------------------	----------

REGION 20

COLORADO

Colorado Springs	Sue McCarthy	Ray Lyons	Winners Circle	Ray Lyons
Denver	Harry Kuesel	Joan James	Mary Frances	Robert Sorenson

REGION 21

NEBRASKA

Norfolk	Larry Harder	Emma Pederson	Dainty Belle	Larry Harder
Omaha	Richard Pettijohn	Richard Kohout	Ruckus	Richard Pettijohn
Omaha	Tina Kohout	Richard Kohout	Lilac Haze	Donald Haines
Scottsbluff	Viola Schreiner	Patricia Randall	Happy Note	Lila Hubbard

SOUTH DAKOTA

Sioux Falls	Helen & Robert Bledsoe	Evangeline Martindale	Treasure City	Evangeline Martindale
-------------	------------------------	-----------------------	---------------	-----------------------

REGION 22

ARKANSAS

Hot Springs	Susie Smith	Eileen Harrison	Rippling Clouds	Eileen Harrison
-------------	-------------	-----------------	-----------------	-----------------

OKLAHOMA

Altus	Mrs. R. M. Kobs	Mrs. George Huckaby	Launching Pad	Mrs. George Huckaby
Edmond	Paul Balck	Maxine Hawley	Mary Frances	Kitty Dyer
Enid	Bill Frass	Fred Spellman	Buffy	Bill Frass
Grove	Mrs. Hunter E. Wilson	Melissa Nichols	Touch Up	Melissa Nichols
Guthrie	Bob Cook	Bill Black	Circle D	Bob Cook
Norman	Mrs. H. R. Hensel	Mrs. Alan Hewitt	Laurie	Mrs. H. R. Hensel
Oklahoma City	Paul Black	Cleo Palmer	Hocus Pocus	Paul Black
Tulsa	Mrs. Karol Huisak	Glen Corlew	Count Pulaski	Marie Caillet
Tulsa	Georgia & Dean Brand	Dorothy Howard	Foggy Dew	Georgia & Dean Brand

REGION 23

NEW MEXICO

Albuquerque	Bonnie Lowenstein	Patricia Clouser	I. calcaria	Howard G. Shockey
Albuquerque	Valerie White	Howard G. Shockey	His Lordship	Evelyn Starr
Hobbs	W. A. Brown	Mrs. T. E. Bertram	Epic	W. A. Brown
Las Cruces	Margaret Dean	Gene Davis	Chamber Music	Gene Davis
Roswell	Mrs. W. H. McKinley	Gladys Cowan	Snow Cloud	Dr. C. M. Eiffert

REGION 24

ALABAMA

Birmingham	Mrs. E. P. Miles and Nan Elizabeth Miles	Mr. & Mrs. Joe M. Langdon	Stepping Out	Mrs. E. P. Miles and Nan Elizabeth Miles
Guntersville	Eva Garner	Bret Warren	Veneration	Mr. & Mrs. Howard Camp
Huntsville	Mrs. Charles Stallwitz	Mrs. R. P. Van Valkenburgh	Jolly Fellow	Mrs. Charles Stallwitz
Huntsville	Lois Kennedy	Mrs. R. P. Van Valkenburgh	Jack R. Dee	Mrs. R. P. Van Valkenburgh
Huntsville	Betty Burch	Margaret Connally	Coral Strand	Evelyn Branum
Huntsville	Mrs. Charles Stallwitz	Lois Kennedy	Ann Chowning	Lois Kennedy
Huntsville	Mrs. John Stirbis	Donald Saxton	Gay Gallant	
		Marie McGahee		
		Helen Charles		

YOUTH, ARTISTIC & EDUCATIONAL WINNERS AMERICAN IRIS SOCIETY SHOWS — 1980

Place of Show	Silver Medal	Bronze Medal	Best Specimen	Exhibitor
REGION 1				
MAINE				
Auburn			Edith Down	Edith Down
Norway			Bernard McLaughlin	Bernard McLaughlin
REGION 3				
PENNSYLVANIA				
Pittsburgh		Sharon Snyder	Helen Turner	
Wyomissing			May Ann Doxie	Sterling Innrst
York			Sonja Ober	
REGION 4				
MARYLAND				
Easton			Martha Cope	Martha Cope
Lutherville				Mrs. Harry Williamson
NORTH CAROLINA				
Charlotte			Mary May	Mary May
REGION 5				
GEORGIA				
Atlanta		Mrs. Ralph Bullard Susanne & Laura Bullard	Mrs. Furman Stansell	Mrs. Furman Stansell
Milledgeville	Danny Watson		Earnest Yearwood	Alma Burgamy
SOUTH CAROLINA				
Columbia	Kathy Plyler	Nick's Iris Garden Mrs. Wells E. Burton	Ira Parnell Shirley Paquet	
REGION 6				
MICHIGAN				
Grand Blanc	Roger Smith		Ruth Tyson	Ruth Tyson
Grand Rapids			Kay Keating	Kay Keating
Grand Rapids			Kay Keating	Kay Keating
Kalamazoo	Robert Copeland		Avis Howard	Avis Howard
Kalamazoo			Lilian Meyer	Lilian Meyer
Lansing	R. Scott Lewis	Anna Mae Miller Caroll Lewis	Tokiko Curtiss	Tokiko Curtiss
Mio	Jim Siehl		Opal Fullerton	Opal Fullerton
OHIO				
Akron		Mrs. Bernice Paretta	Eugene Tremmel	Mrs. Georgie Rhodes
Akron	Kevin Taylor		Anita Bouzas	Mary Witham
Cleveland	Kevin Taylor		Mrs. Victor Repp	Mrs. Victor Repp
Dayton	Lynda R. Foreman		Doris Schuster	Doris Schuster
Mansfield			Jane Barker	Linda Applegate
REGION 7				
KENTUCKY				
Lexington	Jeff Ramsey		Virginia Jo Hutton	
Louisville	Christopher Bowman	Jim Niehoff	Ann Willenbrink	Ann Willenbrink
TENNESSEE				
Lewisburg		Mrs. Joe Loyd Turner		
Memphis		Philip Norflett	Mrs. Lynn LeFevre	
Murfreesboro	Charlie Jenkins		Mrs. Neil S. Andrews	Mrs. Neil S. Andrews
Nashville		Mr. & Mrs. Earl Tenpenny		
		Mr. & Mrs. Dallas Ottinger	Mrs. David Love	Mrs. Maizell Boyd
REGION 8				
MINNESOTA				
Chaska	David Spence		Janice Krahm	Janice Krahm
Chaska			Lois Seeden	Lois Seeden
Chaska			Jim Seeden	Jim Seeden
Minneota			Mrs. Richard Stassen	
Roseville			Lois Seeden	Jim Seeden
WISCONSIN				
Fond du Lac	Kirsten Frisch		Pearl Stockinger	Pearl Stockinger
Wauwatosa			Susie Dusnak	
Wauwatosa			Diane Boucher	LaVonee Ney

REGION 9

ILLINOIS

Fairview Heights
Lombard
Lombard

Cathy Simon

Margaret Hueseman
Henrietta Marks
Marion Lascalzo

Rita Kinsella
Henrietta Marks
Ada Follett

REGION 10

LOUISIANA

Lafayette

REGION 12

UTAH

Salt Lake City
Salt Lake City

REGION 13

OREGON

Portland

WASHINGTON

Spokane
Tacoma

Alan Brooks, Jr.

Shreiners Iris Gardens
Aitkens Iris Gardens

Shannon Lorenzo
Paul Smith

Charlotte Easter
Marguerite Allen

Walla Walla

REGION 14

CALIFORNIA

Hanford
Mt. View (Fall)
San Jose
Ukiah

Kevin Phillips

Ray Alviso

Charlotte Criswell
Audrey Arnold
Kaey Ceregrino

Charlotte Criswell
Muriel Perkins
Audrey Arnold

NEVADA

Las Vegas

REGION 15

ARIZONA

Phoenix
Phoenix
Tucson

Kathy Maroney

Jean Near

Joan Smith

Joan Smith
Beverly Dopke
Margaret Perier

CALIFORNIA

Arcadia
Canoga Park
Los Angeles
San Bernardino

Kay & John Tearington

Claire Hood

August Phillips

REGION 17

TEXAS

Dallas

Keith Boyd

Robert G. Demory

Edna Try

Joan Smith

El Paso
Lubbock
Midland
New Braunfels
Sherman
Waco

Jay Marburger

Peggy Hammel
Dorothy Smith

Edna Try

Beverly Dopke
Margaret Perier

REGION 18

KANSAS

Dodge City
Garden City
Hutchinson

Kim Fillmore

Martha Johnson

Marilyn VenJohn
Frances Tomchak
Mrs. Harry Spence

Christy Keilman
Keith Fillmore
Pat Dixon
Blanche Coleman

MISSOURI

DeSota
Festus

Parsons

Selden

Wichita

Ronda Salisbury

Donna Chapman

Mrs. Edgar Dies

Leda Christlieb

Gladys Boulanger
Mrs. Arnold Reichert
Chris Taggart

Gladys Boulanger
Mrs. Bill Brainard
Chris Taggart

Joplin

Joplin

St. Louis

St. Louis

Washington

Keith Pehle

Dave Niswonger

Steve Stevens

Harry Boyd

Priscilla Pooker

Lola Reynolds

Mrs. T. J. Archer

Mrs. Myrl Archer

Vince Itauan

Rita Kinsella

Verna Schnied

Lola Reynolds

Mrs. T. J. Archer

Mrs. Myrl Archer

Louise Bellagamba

Rita Kinsella

Verna Schnied

REGION 19
NEW JERSEY
Princeton

Mel Leavitt

REGION 20
COLORADO
Colorado Springs
Denver

Earl Newton

Lester Shoemaker
Juanita Swigart

Lester Shoemaker
Juanita Swigart

REGION 21
NEBRASKA
Norfolk
Omaha
Omaha

Tina Kohout

Mickey Schliefert
Anson

Ann Hoegemeyer
Sally Guest
Lillian Young

Ann Hoegemeyer
Sally Guest
Lillian Young

Scottsbluff
SOUTH DAKOTA
Sioux Falls

Freda Eckhart
Signey Classen

REGION 22
ARKANSAS
Hot Springs

Violet Richards

Bertha Mullican

Violet Richards

OKLAHOMA
Altus

Mrs. Jon Norman
Robinson

Mrs. Jon Norman
Robinson

Edmond
Grove
Guthrie
Norman
Oklahoma City
Tulsa

Bonnie Ellis
Mesissa Nichols

Gwyneth Van Antwerp

Jo Bryant

Maxine Hawley

REGION 23
NEW MEXICO
Albuquerque

Edward Wedell III

Mr. & Mrs. Chris
Meadows

Mrs. Hickerson

Hobbs
Las Cruces
Roswell

W. A. Brown

Mrs. H. N. Toland
Tine Crawford
Mrs. J. N. Cook

Mrs. Jackie Williams
Irene Watts
Mrs. Charles Merrell

REGION 24
ALABAMA
Guntersville
Huntsville
Huntsville

T. A. Gilliam

Gladys Branning
Jacqueline Motley
Betty Johnson

Gladys Branning
Esther Russell

MR. Z. G. BENSON 1892—1979

Mr. Z. G. Benson died in Wichita Falls, Texas on Aug. 30, 1979. He lived his entire life in Texas. He was a cement contractor by occupation. He is survived by his widow and two daughters.

Mr. Benson joined AIS in 1949, became an AIS Garden Judge in 1952 and a Senior Judge in 1967. He was a member of the Benson Area 12 Iris Society for many years. In fact; the society was named in his honor. He gave full support throughout his many years to the local society, Region 17 and AIS.

He was a hybridizer for about 20 years. Some of his best known introductions were BLUE MESA, COLLEGE GIRL, DISTANT PEAK, MAIN ATTRACTION, BLACK NIGHTIE and WEE BEE. (Information supplied by Mrs. Edith Brooks of Reg. 17).

EXHIBITION CERTIFICATES ISSUED AT AMERICAN IRIS SOCIETY SHOWS — 1980

ALBERS, Donovan	8000	ENSMINGER, Allen	Iris Bohnszek
	8000B		177-4
ARNY, JR., Charles W.	BR-1-77	ERMEY, Edward	L-74-8TB
	Y-1-80	FOSTER, Doris	M-3
BAUSCH, Lynn	DC15-3	FREIDLIN, C. T.	75-144L
BAUSCH, Melvin	E-17-2		76-259C
BELLAGAMBA, Louise	S-1-76	GADD, Frederick	3-A-66
BLODGETT, Mrs. A.	78-08A	GARTMAN, Lilly	80-38
	D4-79	GAULTER, Larry	77-45
BOEN, Don	75-1-78C		77-80
BOOTH, Dwight	80-1A	GHIO, Joseph J.	PS-AST-1
BOSWELL, Carl H.	181-75-22		PS-186EE
BOULDIN, Alice	3-7-B		PS-192J
BOYD, Harry	76-7-7		PS-192S
BRISCOE, Harley E.	7261-A		PS-193Y
7 6 1 8 - A			PS-197R
	B759-H		PS-197S
BROWN, B. J.	7878		PS-283V
BURCH, James G.	39-11		LU-272A
BUSH, Gwen	G3-23		Paris Original
CHESBRO, Mike	P-1		Veneer
CLAUSSEN, Charles	CC-77-40-A		76-1260
COCHRAN, Helen	72-20F	HAGBERG, Marge	75-5B
COOK, Verna	"Jamie"	HAMNER, Bernard	78-15
COOPER, Joan	VB1	HAZZARD, A. H.	810
	15	HICKERSON, Alva	66-65
COPELAND, M/M James	78-018	HOLDEN, John	Hh40a
COPELAND, Jimmy	108-4		Hj88b
CORLEW, Glenn F.	NA15-A		H125a
DANIELSON, Henry	A-79-1	INNERST, Sterling	SIB 1-1
	C-80-1	JEFFRIES, Robert	68-7-A
	80-30	JENSEN, Karl F.	LR-45-12
DENNEY, Don	Spectacular Bid		LR-49-10
	B18	JOHNSEN, Larry	TJ-78-1
	D78-79-1	JONES, Bennett C.	74-27-1
DRAKE, Mary E.	76-1-A-E		75-46-3
	76-12-4	JONES, W. E.	Edythe Mae
	77-15-1	KEGERISE, Evelyn	75-89
DYER, Floyd	D-35-80-B	KENNEDY, Grady	Kermizina
DYER, Perry	Joyous Isle		169-76-1
	G-4	KVINTUS, Bill	534
EADER, F. Duncan	PCE-13-1	LEAVITT, Mel	19-79-1
EIFFERT, Dr. C. M.	3-32	MAGEE, T. L.	Ohio Violet
ENNENGA, James	E-76-1-3		7513K

MESSER, Ruth	78-3		177-24-9C
MILLER, Anna Mae	76-21-3		177-58-90
MOORES, Walter	78-1		148
McEWEN, Dr. Currier	75-106		214
	T4-75-108B		294
	T4-75-108Z		302
	T5-75-138-2		327
McGARVEY, Dr. William	58-6-1		411
NEARPASS, D. C.	76-15		405
	77-35		813
NELSON, Dr. John E.	1473-PKL		78-4
NICHOLS, Hooker	7825-F		76-40-6
NISWONGER, O. D.	17-78		73-S19C
OLEJNICZAK, Katie	0-1-1869		75-S1
POPE, Shirley	78-2D		S-78-1
RAWDON, D. O.	3-1		S75AB1
	775-1		74-7
	775-8		68-55-1
REICHERT, Louise	3-76		73-63-3
ROBERTS, Robert	74R4		A-21
ROBINSON, J. B.	72-13		74-101-2
ROGERS, Francis	FR78-6A		80-1
ROGERS, Mark	70-1-C		W-87-71
RUDOLPH, Nathan	R78-01		78-51
SAIA, Joe L.	76-8-1		79-45
SCHIRADO, Roberta	N1P1-12		79-74
SHAHAK, David	No number		79-212
SHEPARD, Dorald	RG-78-10		E721
SHOCKEY, Howard	163-67-A		W-79-101
	164-2-A		78-2
	173-70-2A		7576-A
	176-2-E		
	177-22-9G		
SINDT, David			
SHOOK, James			
SHOUP, Marvin			
SKILLMAN, Dr. Bill			
SLADE, George D.			
SOBEK, Robert			
SOLOMON, Raymond			
SPENCE, David			
STEELE, Robert			
STEPHENS, Frank			
TOLMAN, Bion			
VOGT, Adolph			
WEILER, John			
WILKINS, Martha			
WILLIAMS, Peggy			
WILLOTT, M/M Anthony			
WIRZ, A. T.			
WOOD, John W.			
WOOD, Vernon			
ZURBRIGG, Lloyd			

HAVE YOU SEED...

We thank Herb Rommel of Rhode Island for the information below, describing three organizations, in addition to the Species Iris Group of North America (SIGNA), that are potential sources of iris seeds.

The American Rock Garden Society listed 85 irises in their 1980 seed listings. Dues are \$9.00 per year, and the Secretary is Donald Peach, Box 183, Hales Corners, WI 53130.

The Scottish Rock Garden Club had 77 iris listings. Dues are \$8.00, and the Secretary is D.J. Donald Esq., Morea, Main Rd., Balpeggie, Perth PH2 6E2 Scotland.

The Alpine Garden Society had 115 iris listings. Dues are 5 pounds, and the Secretary is E.M. Upward, Lye End Link, St. John's, Woking, Surrey, GU21 1SW England.



WELCOME TO ST. LOUIE & REGION 18

James Morris

"Meet me in St. Louie, Louie, Meet me at the Fair", are the familiar words Judy Garland sings in the movie centered around the 1904 World's Fair held in St. Louis. We borrowed the first six words as the theme for the 1981 AIS Convention and hope to piggyback on the theme for a festive convention. It promises to be fun!

Region 18, Missouri and Kansas, is the hosting region. The Greater St. Louis Iris Society, (GSLIS), 55 members strong, is the hosting club and we are supported by the Mineral Area Iris Society (70 miles south) and the Washington Iris Society (40 miles southwest). GSLIS has a number of Illinois Region 9 members.

GSLIS decided in 1976 to extend an invitation to host the 1981 AIS Con-

vention. The AIS Board accepted our invitation at their meeting in Dallas in November, 1977 and we have been working ever since. The garden tours will be on Thursday, Friday, Saturday, May 14-16. This should be ideal. Only once (1980) in the last 20 years was there *not* substantial or peak bloom on these dates. We all know 1980 was abnormal in the midwest. Morning temperatures should be brisk (in the 50°-60° range) but rapidly heating up to the 75°-85° mark by afternoon.

Garden tours on Thursday, May 14, will be in St. Louis, Festus and Fairview Heights, Illinois. The Illinois garden is a group effort by our Region 9 members. Lunch will be by the mighty Mississippi where you will have the opportunity to view the St. Louis Arch and the riverboats plying their trade. Friday will find us touring the rest of the St. Louis gardens and one in O'Fallon, Mo. On Saturday we will start one-half hour earlier at 7:00 a.m. to travel to the gardens in the Mineral Area of Desloge and Farmington, Mo.

The last time St. Louis hosted an AIS Convention was 29 years ago in 1952 with much of the success attributed to Mrs. Walter (Ada) Buxton and Wellington F. Scott, then Region 18 RVP. The President's Cup was awarded that year to a young St. Louisian Cliff Benson for his iris *BELLERIVE*. It received 103 of the 240 votes cast.

A few words need to be said about convention costs. Our committee tried hard to keep registration fees down, but inflation is a fact of life. Anything you do today costs considerably more than it did last year, or five, or 29 years ago. In our budget planning, we had to increase registration fees twice in 30 days because of increases in bus and meal costs. We felt compelled to allow a small contingency fund in case the Middle East war drives up the price of gasoline again (as the *Bulletin* goes to press our committee will still *not* have a set price from the bus company). In reviewing the 1952 Bulletins, it was interesting to note the complaints about the "high" registration fee of \$20.00 and the "exorbitant" room costs of \$5.00 per day.

Please plan ahead, save your money and travel with others and double up if you must. We can't do anything about inflation, but we guarantee a great convention!

Early registrants will have the opportunity to win iris prizes in addition to the lower fee. The Washington Iris Society will conduct an Iris Show on Wednesday, May 13 and you are encouraged to bring irises for this show. In Tulsa many of the top awards were won by out-of-region entries. We hope for strong competition from all parts of the U.S.

Meet me in St. Louie, Louie. Don't tell me the irises are blooming anywhere but here. Please join us, our friendly people are expecting you.

THE ANNUAL CONVENTION OF THE AMERICAN IRIS SOCIETY MAY 12-16, 1981

Convention Headquarters
St. Louis Marriott Airport Hotel
I-70 at Lambert Airport
St. Louis, Mo. 63134
Phone (314) 423-9700

HOTEL RATES

Single	\$50.00
Double	\$56.00
Triple.....	\$60.00

Please make hotel reservations directly with the Marriott. *State that you are attending the AIS Convention.* All rooms blocked for the convention which are not reserved by April 15, 1981, will be released to the general public on that date. Therefore, be sure to make your hotel reservations early.

REGISTRATION FEE

Received before March 15	\$94.00
Received from March 16 to April 15	\$100.00
Received after April 15	\$105.00

Make your check payable to "1981 AIS Convention".

Mail registration to: Mr. Sheldon H. Butt, AIS Convention Registrar, 1904 Arrowhead Lane, Godfrey, Illinois 62035; phone (618) 466-1842.

Partial registration rates will be given upon inquiry to the Convention Registrar and will be honored upon advance registration only. If it is necessary to cancel a registration, full refund will be made if notice is received no later than April 20, 1981.

Additional information is available on other hotels/motels in the airport vicinity.

CONVENTION SCHEDULE OF EVENTS

- Tuesday, May 12 Registration opens at 11:00 a.m. Meetings are scheduled for AIS Board of Directors, Public Relations Committee, Membership Committee, Publication Committee, RVP's, Sectional Representatives, AIS Foundation Trustees, Robin Reception, RVP's and Judges Training Chairmen, Median Iris Society Board of Directors and Society for Siberian Irises Officers.
- *****
- Wednesday, May 13 Registration opens at 7:00 a.m. Section meetings are scheduled during the morning for the Pacific Coast Native Iris, Dwarf, Siberian and Louisiana. Also in the morning is a joint meeting of the AIS Board, RVP's and Section Representatives. Afternoon meetings include AIS Board, Median, Reblooming, Aril, SIGNA, Spuria, Japanese, and MIS Regional Representatives. The Welcome Dinner will begin at 8:00 p.m.
- *****
- The Washington Iris Club will present an Iris Show on Wednesday only. Entries will be accepted from 7:30-11:00 a.m. with a limit of twelve horticultural and six seedlings per exhibitor. Containers will be furnished. Entries will be accepted in horticultural and artistic with Youth Sections in each. The Show will be open for viewing beginning at 3:00 p.m. For more information, send a stamped, self-addressed envelope to The Show Chairman, Mrs. Julius Dutton, Labadie, Mo. 63055.
- *****
- Thursday, May 14 7:30 a.m. Tours to Missouri Botanical Gardens (Shaw's Garden), the Crystal City, Mo. garden of Polly Chism; and the joint Region 9 garden of Dolores Kassly in Fairview Heights, Illinois; Lunch at the St. Louis Arch on the river-front; dinner on your own; Judges training on artistic design, SDB & IB, and Japanese irises.
- *****
- Friday, May 15 7:30 a.m. Tours of St. Louis gardens of Gus and Louise Bellagamba, Jim & Jean Morris, Mark and Marie Dienstbach, Russ and Betty Wurl; O'Fallon garden of Betty & Roy Bohrer. Lunch at various locations, dinner on your own; free evening.
- *****

Saturday,
May 16 7:00 a.m. Tours of the Mineral Area gardens of Al and Pauline Roderick, Viola & George Griffin, Clyde and Anna Hahn, Betty & Ed Knight and Opal Quesnel. Lunch provided. Awards Banquet at 7:30 p.m.

GRANVIL B. GABLE 1897—1980

On June 9, 1980 Region 8 lost another distinguished irisarian when Granvil B. Gable passed to his eternal reward at the age of 83. For as long as most Minnesota iris people can remember, he was their MR. IRIS. He operated a commercial iris garden in South Minneapolis for many years.

He was a stalwart of the Iris Society of Minnesota, and he served as Regional Vice President of AIS from 1959 through 1961. He not only knew and grew irises superbly, but he studied all the aspects of the hobby. He wrote and spoke extensively, always with authority. He was never too busy to stop in the midst of his busy life and advise someone about his or her particular problem.

Mr. Gable is survived by his wife, Verona, who was always there in the garden supporting him in his efforts. (From Region 8 NEWSLETTER)

MRS. EDNA YUNKER May 28, 1980

With the death of Edna Yunker on May 28, 1980 Region 8 lost one of its former RVPs. Mrs. Yunker held this office from 1961 to 1963. Being an avid irisarian, she not only grew irises but hybridized them as well. Included in her introductions were MOUNT IDA, ORCHID ECHO, PURE MAGIC and others. Breeding for a pink amoena was her ultimate goal. Her vast knowledge of irises was willingly shared. Through her love of the iris, she cultivated others.

The Fond du Lac Iris Society was originated through her efforts. She, along with the help of four others, brought the society into being in 1968.

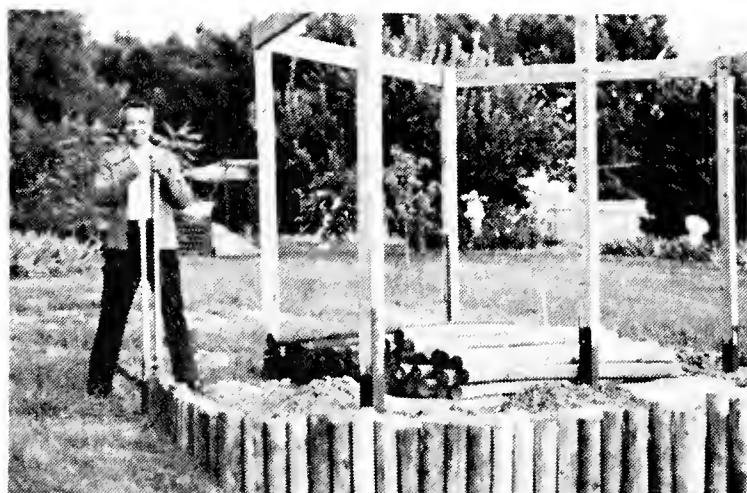
She is survived by a daughter, Nadine, a life member of AIS. (From Reg. 8 NEWSLETTER)



Meet Me in St. Louie, Louie

1981

THE GREATER ST. LOUIS IRIS SOCIETY



(Upper left) Roy Bohrer, O'Fallon, MO, paints his wishing well, surrounded by irises. He jokes that with 700 conventioneers, he thinks he has a profit-maker. (Upper right) First view of Russ Wurl's Bridgeton, MO garden will be this new Japanese theme circular bed of sponge rock gravel and irises. (Lower left) Mark Dienstback, Jamestown, MO, is building a six-sided gazebo to offer conventioneers a quiet haven. (Lower right) Dolores Kassly, Fairview Heights, IL is landscaping her yard with pink dogwoods and Bradford pears.

Photos by Roy Bohrer

Editor's Notebook

Many thanks to the readers who have sent nice comments about our last two issues. We appreciate hearing from you! And, again, apologies to those whose articles have not been printed on schedule; spacial limitations and the large quantities of organizational lists and materials that must be printed often cancel our druthers! We continue to attempt to balance content and meet the needs and interests of our readers as much as possible.

In starting the New Year, we reflect on several aspects of producing your magazine. First of all, many, many thanks to Agnihotra Press in Maryland — to John Brown and the entire group — for their cooperation and service over the last two years, as they handled the mechanics of *BULLETIN* preparation. They have been marvelous to work with.

At the November 1980 Board of Directors Meeting in Dallas, the Board voted to turn the total printing process over to Williams Printing Company in Nashville, Tennessee for the next year. Williams has been doing the actual *BULLETIN* printing recently and in handling both aspects of production there, we return to AIS history through several decades. We thank them for their continuing interest and enthusiasm; their Betty Crouch is a pleasure to deal with.

We also thank our RVPs and Committee Chairmen who have, for the most part, been very cooperative. We urge them to continue to send regional publications to the Editor-in-Chief, Associate Editor and Domestic News Editor, so that we may be aware of area information that should be shared with our national membership.

We welcome the new AIS officers, RVPs and Committee Chairmen.

We hope to publish profiles of these individuals soon, to introduce them to readers. We still have some of last season's introductions to make as well. Keeping up with such, within the framework of our spacial limitations has been a problem, but we'll do our best to catch up.

And so...to conserve space...we'll also resolve to keep this column compact in 1981! Happy rising in the New Year!

AIS MEMBERSHIP RATES

Annual	\$9.50	Sustaining	\$20.00
Triennial	23.50	Research	47.50
Family	11.50	Life	190.00
Family Triennial	28.50	Family Life	237.50
Youth member, with others of family as members.....			2.00
Youth member: with no others of family as members			3.25

ARILS AND ARILBREDS, THE MYSTIQUE ADVANCES

Sharon McAllister, NM

Color breaks, new patterns, different forms—all are a hybridizer's delight. Last year the Tulsa convention-goers were treated to an impressive display by some of the newer arilbreds. There were a number of examples of one of the recent breakthroughs: a luminous, glowing-in-the-shadows quality that adds to the mystique of these exotic beauties.

This shows up in the lines of many different hybridizers, primarily in the descendants of Hunt's ESTHER THE QUEEN. Although it occurs in many colors, it's most noticeable in the moderate range. Some of the most striking examples at the convention were Flanagan's pale-violet-over-golden-tan MAYFEST, Hunt's elegant mauve MARTHA MIA, Nichols' violet-over-dove-gray arilmed CAIRO LOVE SONG, and Roger's rose-violet bitone PRINCE THOU ART.

Forms continue to be more diverse, ranging from the full globular form once seen only in the oncocyclus species to ruffled ones usually associated with the tall-bearded iris. Danielson has a new line which carries the lovely pattern of the *regelia korolkowii* into the easier-to-grow arilbreds.

The color range of the arilbreds now extends from the white of SNOW OVER CHICAGO to the near-black of NIGHTLIGHT, with the entire rainbow included. For example, Peterson has introduced a lovely pink self, HEART STEALER, and even leaf-green markings have shown up in Hunt's seedling patch.

There have been a number of approaches to red, many of them getting quite close. The cleanest so far are in the aril hybrids. For example, Shahak's 72-20 has a brilliant orange-red signal, 33A on the R.H.S. charts.

Less obvious, but even more important, is the progress that has been in producing easy-to-grow arilbreds. They now adapt readily to a wide range of climates. Recent AIS checklists show arilbreds being introduced by hybridizers from New York to California. Last year's C.G. White award went to Henry Danielson, of Chicago, Illinois. The Wm. Mohr award went to Leda Christlieb, of Severy, Kansas.

Yes, the arilbreds have come a long way since the time they had the reputation of growing only in C.G. White's garden. The newer varieties combine the cold-hardiness of their tall-bearded ancestry with the heat-tolerance of their aril forebears.

The aril species themselves, native to the countries of the Middle East, seem quite at home in some parts of the United States. Most of their homelands have no summer rainfall, so that their foliage dies down at the end of the bloom season and the rhizomes remain dormant until autumn. In our desert southwest, this period of dormancy provides protection against the fierce summer heat and the *oncoclyclus* outperform all other types of iris. In other parts of the country, these require more special care but the efforts are justly rewarded.

Advances are also being made in obtaining more gardenable aril hybrids. Mathes has produced some advanced generation *regeliocyclus* hybrids that are both beautiful and quite hardy. Holden's work with the *oncoclyclus* has included crossing the northern (sometimes called hardy) *oncoclyclus* with the southern species to obtain hybrids with improved tolerance of both heat and cold.

If you would like to know more about aril and arilbred irises, you are invited to join the Aril Society International. Annual dues of \$4.00 bring you the benefits of the Yearbook, three newsletters each year, and a "To Members Only" plant sale list of new and otherwise hard to get arils and arilbreds. Check or money order should be made payable to the Aril Society International and sent to Robin Kleinz, Box 2278, Payson, AZ 85541.

Aril Terms

Aril species fall into two groups: the members of the subsection *Oncoclyclus* (O), and the members of the *Regelia* (R) group of the subsection Hexapogon. Their hybrids include not only the *Regelia Hybrids* (RH) and the *Oncoclyclus Hybrids* (OH), but also hybrids between the two groups. These are called *Oncogelias* (OG) and *Regeliocyclus* (RC).

Arilbreds are descendants of aril iris and other bearded iris. They are usually classified by the type of irises involved. Descendents of *oncoclyclus* and bearded iris are called *Oncobreds* (OB); those of *regelias* and bearded iris are called *Regeliabreds* (RB); and those involving all three types are called *Oncogeliabreds* (OGB).

The percentage of aril chromosomes is used to divide each of these three classes into three subclasses, with aril content less than one-half, exactly one-half, and more than one-half. For example, an OB is exactly one-half *oncoclyclus*, while a RB- is less than one-half *regelia*, and an OGB+ is more than one-half *aril* with both *oncoclyclus* and *regelia* ancestry.



I. korolkowii v. violacea (R) Off-white ground veined violet. The pattern of this regelia species is now appearing in the more gardenable form of the arilbreds.

HI-LLA (OH) An advanced generation oncochilus hybrid (Royal Affair x I. hermona) of striking form. The cream ground is heavily veined and dotted violet-brown.



SHAHAK 73-15-1 (OH) Off-white ground, with falls lightly veined deep reddish-brown, velvety-black signal. An excellent example of a first-generation hybrid form species.

VEILED INTRUDER (OB +) Rich '77. Standards lavender veined purple, falls tan veined maroon with large velvet black signal.





PERSIAN VIOLET (RC) Austin-ASI '70. Violet with yellow beard, showing the *I. hoogiana* form.



HEART STEALER (OGB) Peterson '76. Pink self with overlay of lavender, deep brown beard and deep lavender signal.

FOURTEEN FOR RACHEL (OGB+) Hunt '77. Lightly veined pale blue-violet standards, grayed orange falls with grayed purple signal. One of the new easy-to-grow arilbreds with more than one-half aril content.



MOON DUST (OGB) Danielson '74 Golden tan bitone dusted with reddish brown spots, reddish-black signal.



DETECTIVE WORK NEEDED

The Aril Society International is looking for information about some irises that may be aril derivatives. They were listed in some AIS files dating back to about 1960, but are not listed in AIS checklists. The ASI requests any information that may prove the heritage of the varieties below, clarify their identity or perhaps identify them as C. G. White arilbreds.

Name	Date	Parentage
ABDULLAH KHAN	—	—
AKMID PASHA	1951	Oncobred
AL SIRAL	1955	TB hybrid
BUTTERFLY WINGS	1945	((THEME X SACRAMENTO) X INCOGNITO) X Self
CHALDEAN TREASURE	—	—
DAMASCUS BLADE	1953	Oncobred (1955 YB)
ENTRE NOUS	1938	Onco X Bearded (one quarter onco)
GREENIE	—	—
GYPSY KING	1943	Sdlg. X FAR CROSS (1959 YB)
IMAM SALEM	1955	DB hybrid
INCOGNITO	1938	—
JUMNA	—	—
KALIFA AWETRA	1954	Eupogocyclus hybrid
LADAK	1948	—
MAHARAJAH	—	—(1959 YB)
MARGARET CRUISE	1954	GAY SENORITA X Onco (1959 YB)
NEBAB PASHA	1953	Eupogocyclus hybrid
ONCO "B"	—	—(Sold by Tom Craig and appears to be a typical C. G. White Oncobred)
PHOEBUS APOLLO	1954	—
PIALA PASHA	1953	Eupogocyclus hybrid
SIDI MOULAY	1954	Eupogocyclus hybrid
SINAN AGRA	—	—(1959 YB)
STRIKE ONE	—	—(1959 YB)
ZIRCON	1938	Oncobred

—above indicated unknown date of registration or unknown parentage.
YB refers to the Aril Society International Yearbook.

Any irisarians who have information to share about these irises are asked to contact one of the ASI Newsletter Co-Editors:

George Bryant
1909 Calle de Suenos
Las Cruces, NM 88001

Sharon McAllister
P.O. Box 112
Fairacres, NM 88033

BULLETIN requested permission to print their intriguing list, knowing that many enthusiastic irisarians collect old catalogs and are as fascinated by a mystery as the Editor. Why not spend a quiet evening playing iris detective?



RALPH H. STUART March 1, 1980

AIS Region 18 lost a fine educator and a true irisarian March 1, 1980. Mr. Stuart was a member of Wichita Area Iris Club for more than 25 years, serving as sixth president during 1953—1954. He was an AIS Senior Judge and was an Honorary Life-time Member of W.A.I.C.

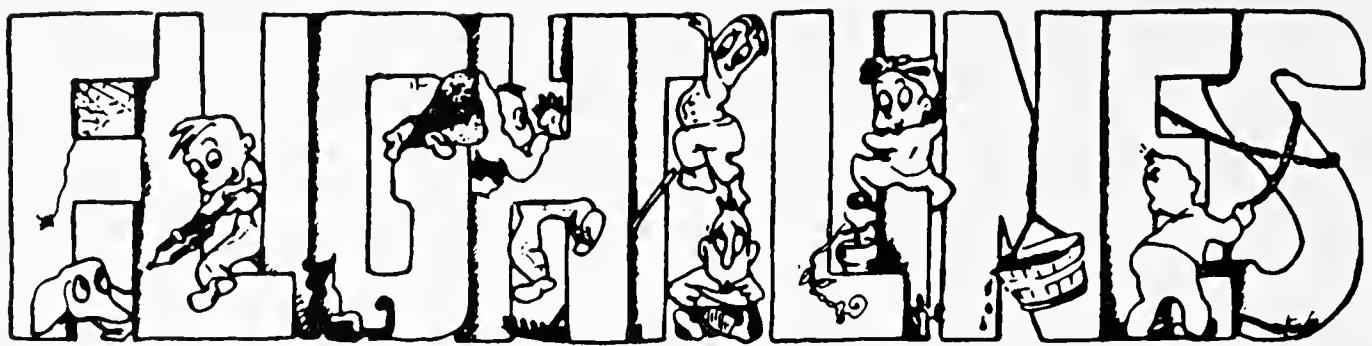
Ralph was a fine hybridizer, successfully introducing the IB SNOW GNOME '74 that won an Award of Merit in 1978. His CHAMPAGNE MIST, a TB with very delicate pastel pink-orange color bordered in gold rims will be shown in St. Louis in 1981.

Ralph's life was education. He was first to earn a master's degree in political science from Wichita University where he was a student and lifelong friend of Dr. Hugo Wall.

Ralph retired in 1973, devoting full time to raising flowers, especially iris. He was an ardent student of Hawaiian culture and had a large collection of Hawaiian music. He was also a collector of iris artifacts in sterling, china, paintings and glass. He was never married and is survived by one brother. (From Region 18 BULLETIN.)

Additional obituaries, several fine photos and some special features planned for this issue will be retained for future use. We regret the delay in printing them and again thank the contributors.





Sam Reece, Editor

Tall Bearded

Virginia Mathews, Stillwater, OK: I found when I was in Kansas that quite often a seedling resulting from two California-type rebloomers would rebloom much earlier in the season. I liked MULBERRYMIST at Huntsville, said to rebloom every year there in August or September, and neither parent did. I was disappointed that it didn't rebloom in the guest beds here, even after being set out in the summer of 1978. It bloomed well this spring. A seedling of Dorothy Palmer's . . . surprised by reblooming for everyone who had it. It is a large crystal white, with deep gold shoulders and beard, quite attractive.

Ray Blicharz, Trenton, NJ: I flipped over BROWN LASSO in my yard. It has superb coloration. I won't forget the first time I saw BRIDE'S HALO in Dr. Knocke's garden. It was unbelievable, but is doing very slowly for me. Of course, GOING MY WAY is fabulous here and grows like a weed. About six years ago I gave a rhizome to Liz Aulicky. Two years afterwards she had to divide her clump of it and brought about 30 potato-sized rhizomes to our regional sale. This is what an iris should be.

John Keeling, Fort Worth, TX: I visited many nice gardens, but only once saw bearded iris in bloom. When I asked people why no bearded iris were planted, the answers always included: 1. Stalks fall over with wind and rain; 2. Flowers don't last; 3. Short bloom season; 4. Plants take too much care and look bad when not in bloom.

Clare Roberts, Ontario, CA: I think my favorite in my own yard this year was BAY RUM. It stood out as to color blend and size. Several others were nearly as nice, including Bernice Miller's SAMARITAN WOMAN. I like Bernice's irises because they seem to be able to stand up to our winds and heat. Being reds, it is unusual to find some that don't "cook" in the sun, but hers do very well for me. Her irises are not the biggest, or fluffiest, but they do have lasting qualities and disease resistance, which I think is more important than huge flowers and plants subject to all sorts of problems.

John Boylan, Cambridge Springs, PA: We helped judge at the Eastern Pennsylvania show at Reading in May, and the irises there were at peak and very beautiful. This is the home area of Evelyn Kegerise; and her garden is a real showplace. Some of our favorites this season were STORYBOOK (Corlew), a nice wide, flaring pink; LACED COTTON (Schreiners). If you are fond of dark iris you will like Mrs. Kegerise's STEADY PACE - a nice ruffled red brown with some violet shadows. We also visited the W. H. Clough garden in Pittsfield, Pennsylvania. Some that we like there were HIS HIGHNESS, SHARP AND SASSY and FAIRY FEATHERS.

Dave Durnford, Missoula, MONT: The garden was in a rebuilding year. I replanted 90 % of the irises last year, and they are now making fans at a fantastic rate. I have decided that I will give up trying so many of the new varieties. Most are so inferior to what is on the market, that it is a waste of time to grow them. I will grow only favorites and add only those that I have seen perform well elsewhere. No intros for me. Many of the new ones do not grow in this climate, at least many of the tall bearded iris don't, and I think many are not worthy of introduction and I don't want to waste any more time and money than necessary. I was disappointed by over one half of the irises that I grew as so-called introductions. There was no refinement in their form nor their color or color pattern. Look alikes frazzle me. I've seen so many takeoffs on STEPPING OUT that they are all beginning to look alike.

Donna Sylvester, Tonasket, WASH: We had no damage in our area from Mt. St. Helens, but our weather surely has been unusually cool and moist. I think the most popular iris in my garden this year was GRAND WALTZ. It was doing itself proud and everyone loved it. FIVE STAR ADMIRAL was great. There were only two bloom stalks on MICHIGAN PRIDE, but they were as good as I remembered from the convention. A couple of oldies caught everyone's eye - DAZZLING DELIGHT, with its near red coloring and ETCHED APRICOT was bright.

Ethel Spence, McPherson, KS: The bed I put out last year was the greatest. It is the first time I've had such bloom on one year plants. GENEROUSITY bloomed short, but in a beautiful lime color. WELL ENDOWED, short, is a huge yellow, such form, will be better next year, I know. WILD WEST, a deep brown with tangerine beard, has very good substance and doesn't seem to fade. BETTERMINT was a huge lime color with a blue-white beard - didn't have as many blooms as some but very glad I have it. LEMON PUNCH is almost a self with chrome yellow beard, ruffled and lots of bloom. MARASCHINO, medium pink with a red beard. MARMALADE is deep orange, a good bloomer and terrific color, really showy. LILAC FLAME, a kind of red-purple lighter around the orange-red beard. JEANNE PRICE, COPPER MOUN-

TAIN. PEACHY CREAMY, VELVET FLAME and MARMALADE SKIES were extra good. BONNEVILLE SURF, a large, ruffled and lacy blue-violet with yellow beard. ROCKY MOUNTAIN, bluish violet, broad petaled and ruffled with cupped standards and red-orange beard.

Nellie Solomon, Kansas City, MO: My newest and most beautiful this year were LACY SNOWFLAKE, BUTTERSCOTCH TRIM and FEMININE CHARM.

Margaret Dean, Las Cruces, NM: The star this year was MARY FRANCES: how glad I am to see a Dykes iris do what a Dykes iris should; this was a first bloom for me, and it had two magnificent stalks, each with - incredible but true - five fresh blooms open the first day, all of perfect form and spacing and the clearest of blue lavenders, husky and fine substance. I have gotten so used to being disappointed by a Dykser, almost couldn't believe this.

Medians

Sterling Innerest, PA: I find that both STOCKHOLM and SOFT AIR have given excellent form in a wide variety of colors. In 1981 I will introduce 588-1, an SDB from STOCKHOLD X RUNAWAY. It is a beautiful form of STEPPING OUT! STOCKHOLM has also given me a really nicely formed cool pink - pure no blue or apricot influence - with a huge bushy white beard. It is very late and blooms with the early TBs. I'm planning to use it heavily this season with a series of seedlings from DACHE MODEL X COTTON BLOSSOM. I have seen seedlings from this cross. Six look and act like IBs and are coppery, orange and pink with decent form and excellent substance, perfect branching and bud count. The seventh is typical SDB in appearance and actions. In my BB line I used BROWN LASSO heavily with a series of 14 seedlings I kept from 150 seedlings from a RASPBERRY SUNDAE X BRIDE'S PEARLS cross. This gave me everything from pure pink to blue, lavender, purple and white. I will introduce an excellent branched pink and a lacy "DEBBY RAIRDON" type from this cross. This cross gave excellent branching proportion for this class.

Tom Little, Las Cruces, NM: I have finally seen a MTB that I just MUST HAVE! It is Dunderman's CHICKEE, a beautiful yellow self with just a touch of caramel blending, blooms with excellent substance and light, airy ruffling. Beautiful proportion and an excellent grower.



AIS LIBRARY PUBLICATIONS

THE WORLD OF IRISES \$15.00

Edited by Warburton & Hamblen; 34 contributors and authors including international authorities. 494 pages of text; 32 pages full color. Published in 1978 and the most authoritative book on all phases of irises, scientific and popular. 6" x 9" hard bound cloth cover.

ROYAL HORTICULTURAL SOCIETY COLOUR CHART \$22.50

Four color fans, boxed. Locking screw permits complete display of the 202 colors. Four tints of each color, providing an invaluable color reference for hybridizers, judges and hobbyists.

TWO RARE IRIS PRINTS each \$6.00; both for \$11.00

Suitable for framing. Color reproductions of original art work done for the New York Botanical Garden in 1929. See illustration, full description, in Spring 1978 *Bulletin*, page 59. Proceeds from sale of prints will be used to support the work of the AIS Historical Committee.

HANDBOOK FOR JUDGES AND SHOW OFFICIALS \$2.50

HANDBOOK FOR AMERICAN IRIS SOCIETY MEMBERS AND OFFICERS \$2.50

WHAT EVERY IRIS GROWER SHOULD KNOW \$1.00

NEW 1979 MEMBERSHIP LIST \$2.50

1959 IRIS CHECK LIST \$3.50

Hard bound. Ten year compilation of registration 1950-59; complete awards listing 1920-59. Only check list still in print. Others sold out.

REGISTRATIONS AND INTRODUCTIONS - 1977 \$2.00

1978 \$3.50

1979 \$3.50

BULLETINS: Current issues \$2.50

Back issues, if available \$2.00

BULLETIN 1 (Reprint) \$1.50

Golden Anniversary *BULLETIN* \$2.00

1977 BULLETIN INDEX \$1.50

BRONZE ANNIVERSARY MEDALS \$2.50

The AIS 50th Anniversary medal in antiqued bronze. Suitable for pendants, show prizes, and special awards.

AIS SEALS Pack - \$2.50, 5 Packs - \$10.00

Self-adhesive ovals, slightly larger than a half dollar, official design in blue and green on a silver-toned background. (50 per pack)

AIS AUTO LICENSE TAGS \$3.50

Prices include postage and handling.

Make checks payable to The American Iris Society

Send order to Dorothy Howard, 226 E. 20th St., Tulsa, OK 74119

Tel. (918) 582-4932

The Beautiful One...



NEFERTITI (Gatty '81)

\$35.00

(Louise Watts X Loudoun Charmer)

Please see advertisement this issue.

KEITH KEPPEL

P.O. Box 8173

Stockton, California 95208

1981 New Membership Campaign

The 1981 New Membership Campaign began on January 1, 1981, and will end on December 31, 1981. Competition will be on an individual basis. Participants will be credited for the actual number of new members that they have obtained. Credit will be awarded as follows:

Single	1 Recruit
Family	2 Recruits
Change from Single to Family	1 Recruit

The individuals participating in the campaign and the number of new members they obtained will be listed in each Bulletin.

During the 1981 National Convention, a trophy will be awarded to the individual who obtains the greatest number of new members. The individual who obtains the most new members in each region will be awarded a certificate of achievement.

Rules

1. Payment should be sent immediately to the AIS Membership Secretary.
2. Notice of each new member sent to the RVP or Regional Membership Chairman within one week after it is secured.
3. Each new membership should be reported on a separate slip of paper, postcard size, showing name and address of the new member, the Region, and the name and address of the participant securing the new membership. This slip should then be used by the RVP (or Regional Membership Chairman) in reporting to the AIS Membership Chairman.
4. The RVP (or Regional Membership Chairman) must submit new membership information to the AIS Membership Committee Chairman by the seventh day of each quarter. (Jan., Apr., July, & Oct.)
5. Only those new memberships properly reported to the AIS Membership Chairman will be counted.
6. New memberships are to be credited only to the participant actually securing them.
7. Renewal of memberships after a lapse of one year will count as a new member.
8. New membership received by the Membership Secretary after January 7, 1982 will not be counted.
9. An individual must recruit at least three new members to qualify for the regional certificate of achievement.

COTTAGE GARDENS

Proudly Presents



BRANDY
(James McWhirter, 1981) \$25.00
(Pink Sleigh X War Lord) HC 1979

Please order from this ad or write for free catalog.

COTTAGE GARDENS

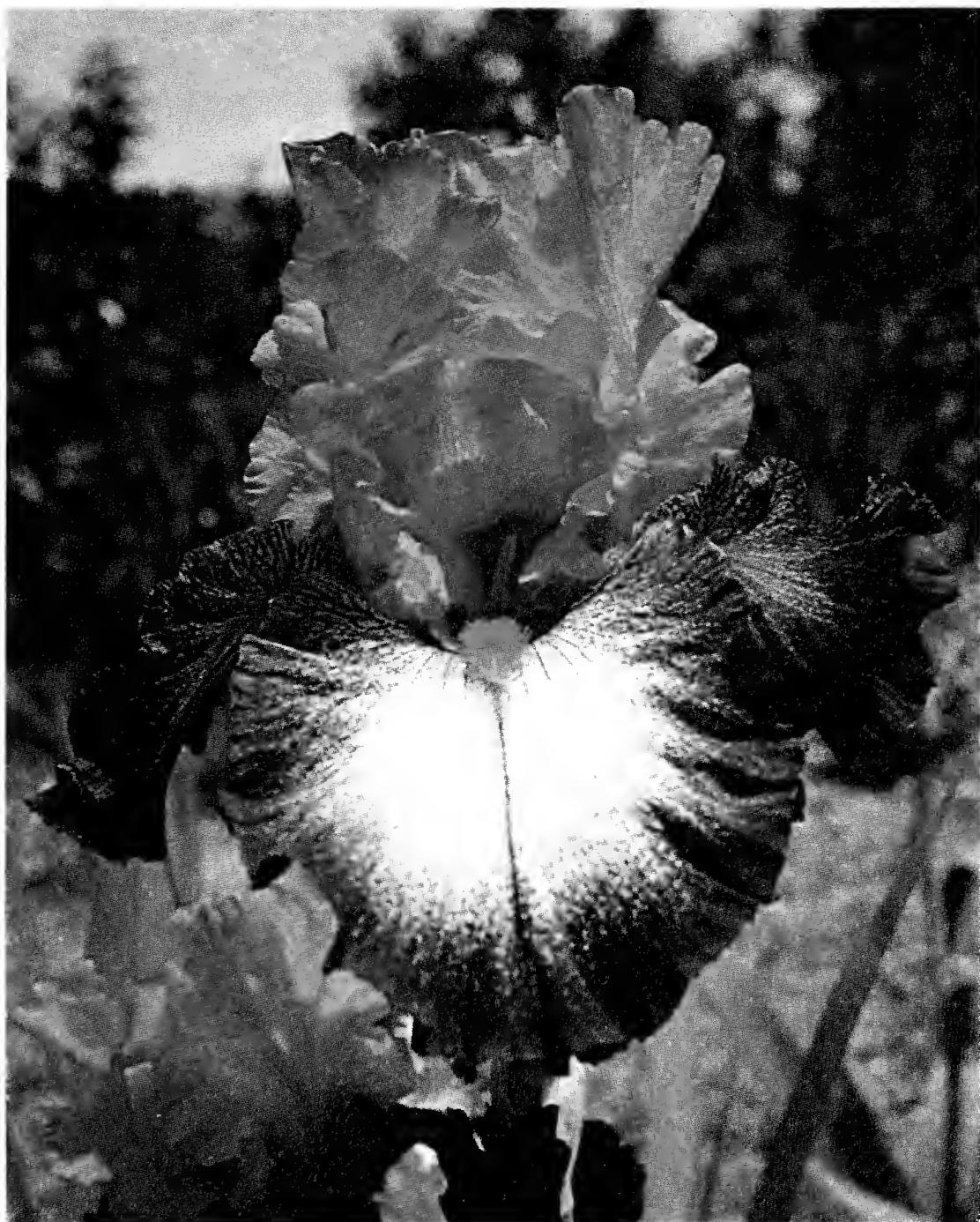
JIM McWHIRTER

22549 Center St., Hayward, Calif. 94541

Phone: 415-538-7989

DON DENNEY

FOR A SHOW-STOPPER, TRY...



BROADWAY (Keppel '81)

\$25.00

((plicata recessive x April Melody) x
Caramba) X Flamenco

Please see advertisement this issue.

KEITH KEPPEL

P.O. Box 8173

Stockton, California 95208



Maryann Anning

Please review the rules printed in the last (Oct. 1980) issue and note the March 1, 1981 deadline for the Annual Youth Achievement contest. It is vital that YOU nominate the outstanding young members in your area.

Beginning with the next issue, Youthviews will be under the direction of a new Youth Committee Chairman, Maryann Anning. With appreciation and affection, we thank Jayne Ritchie for her years of service, and we welcome Maryann.

Friendly, attractive Maryann Anning lives in Los Altos Hills, California with her husband and two youngsters. She owns and manages La Cresta Gardens, specializing in median and tall bearded irises. Her enthusiasm for AIS, irises and young people will make her a real asset. Let her hear from you and share your ideas for the Youth Committee!

Maryann Anning
12864 Viscaino Rd.
Los Altos Hills, CA 94022

IMPORTANT PLEASE DISCARD

all remaining supplies of the pamphlet (dark blue on blue)

This is Your Invitation to Join the American Iris Society

These pamphlets are now outdated and should be disposed of

New pamphlets are being prepared (blue on white). They should be ordered from the AIS Exhibitions Chairman when you order your show supplies. The pamphlets are also available from the office of the AIS Secretary.



First Blush (Glenn F. Corlew 1981)

The Cherry Lane Gardens of
GLENN F. CORLEW

2988 Cherry Lane
Walnut Creek, CA 94596

INTRODUCTIONS FOR 1981

FIRST BLUSH (Corlew)	Tall and stately medium pink.	\$25.00
LA VELITA (Corlew)	Brilliant yellow Standard Dwarf.	\$10.00
MAIS OUI (Wood)	Magnificently branched peach-pink.	\$25.00
SPELLMAKER (Corlew)	Silver edged bright orchid.	\$30.00

Send 25¢ for catalog or order from this Ad

Please include \$1.50 handling charge with each order

How To Register and Introduce an Iris

These instructions apply to the registration of all classes of irises *except bulbous irises.*

REGISTRATION

1. Write to the AIS Registrar Kay Nelson, P.O. Box 37613, Omaha, Nebraska 58137, for a registration blank, enclosing a check for the registration fee payable to the American Iris Society. Registration fee is \$5.00 for each iris; for each transfer of a name from one iris to another the fee is \$7.50.
2. Select a name that has not been previously registered, which may be submitted for approval when you write for the registration blank. You will save time for yourself and for the Registrar if you will first look in the AIS Check Lists and the annual reports of the Registrar since 1969 to see if the name you have chosen has been registered previously. Please also suggest an alternate name. The Registrar will hold an approved name for a short time to enable you to complete the blank and send it back to her, but *a name is not registered until the registration blank is filed and approved by the Registrar.* A registration certificate then will be sent to you.
3. Names should follow the rules established by the International Horticultural Code, and the following names shall not be admissible:
 - a. Names of living persons without the written permission of that person.
 - b. Names of persons including forms of address (that is, JANE DOE, NOT MRS. JANE DOE).
 - c. Names including numerals or symbols.
 - d. Names beginning with the articles "a" and "the" or their equivalent in other languages unless required by linguistic custom.
 - e. Abbreviations unless required by linguistic custom.
 - f. Latin names or Latinized forms. However, the AIS custom of using part of the Latin names of a species, namely the specific epithet, as part of the cultivar name when this seems appropriate (e.g. SUSIMAC, from *I. susiana* X IB-MAC), shall be continued.
 - g. Use of trademark or copyrighted names unless previously in common use.
 - h. A slight variation of a previously registered name.
 - i. Names containing more than three words.
 - j. Names that exaggerate or may become inaccurate (e.g. HEAVIEST LACE, TALLEST BLACK).
4. Previously registered names may be re-used provided (a) the original registration has not been introduced or distributed by name, (b) does not appear by name in later parentage registrations, and (c) the new registrant furnishes the Registrar with written statement of permission from the previous registrant.
5. Names will not be released as obsolete unless there is proof that no stock now exists and that the iris was never used as a parent.

INTRODUCTIONS

An introduction is an offering for sale to the public. Catalogs, printed lists, and advertisements in the American Iris Society BULLETIN are acceptable mediums of introduction. It is a requisite for the awards of the Society above that of High Commendation. *An iris is not eligible for these awards until one year after its introduction has been recorded with the Registrar.* Send Ms. Nelson a copy of the catalog, list or advertisement and she will acknowledge the fact that the introduction has been recorded. (For irises introduced in the AIS BULLETIN, notify her of the BULLETIN number and page on which the introductory advertisement appears.)

OUR READERS WRITE

W. E. Ouweneel, IN

On page 54 of the Summer 1979 issue of the BULLETIN of the AIS the statement was made that Japanese irises "need good drainage for low temperatures".

This statement has had wide currency among Japanese iris growers for at least twenty years. For twenty one years I have been growing JIs under conditions that can only lead one to the inescapable conclusion that the statement is not true.

The facts of my experience in this matter are best described by quoting from two articles I contributed to the April and October 1977 issues of THE REVIEW of The Society For Japanese Irises. First from the April issue:

"For eighteen years I have grown JIs seriously. I started by growing them around the edge of a pond under ideal conditions which will be detailed below. . . .

"My pond is a small artificial one lying in a ravine that runs east and west with the dam at the west end. It was built originally to hold water for farm stock and had a maximum depth of about three feet. Over the years leaves from my trees and silt from a neighbor's field have accumulated in the ravine reducing the size of my pond and depositing about eighteen inches of muck in the bottom.

"The first JI planting was made at the foot of the dam practically at the level of the water. For each plant a hole was dug about the size of a bushel basket and filled with muck scooped out of the pond. The planting was successful and, whenever the pond dried up during a few dry falls, the bed was extended across the dam and along the north side of the pond. A terrace was first constructed about three feet wide about six inches above the water. A trench about two feet wide and spade deep was then dug into the terrace and filled with muck. Plants were placed two feet center to center.

"Eventually the terrace held about eighty plants. Almost all of them are still there—the oldest eighteen years and the newest ten years. They have never been divided. They have been used as stock for divisions but that has not reduced their increase noticeably. Plants near the open water are so close that one can barely step between them and the water. Many are now twenty or more inches in diameter and produce twenty or more bloom stalks annually. Most of the plants are in full sun all day.

"The muck is black and plastic—gooey being the common Hooiser word for it. When divisions are dug the first step in cleaning them is to squeeze the soil off of the roots. Purdue University reports the muck to contain 300 pounds of phosphate and 235 pounds of potash per acre and a pH of 4.0. I probably can thank my neighbor for the high fertilizer content.

"Visitors have frequently wondered at the success of my pond planting because of belief that under such conditions they should not be surviving winters. I can only point to the plants and say that under these conditions they not only survive but love it. The pond freezes over every year solid enough for skating and at least during several winters has frozen solid into the muck. One fall while the pond level was low I planted one JI too far out. When the level was restored the plant was surrounded with water and, during the next two winters, frozen solid in ice. It did not increase but did survive. My experience is confirmed by that of Ole Melgaard of Trenton, NJ, who reports that "Freezing the soggy soil has never done any harm here."

"So the conclusion for '76 is that the plants around the pond need no dividing and no fertilizing. They just grow there naturally. The only problem is weeds. They love it too."

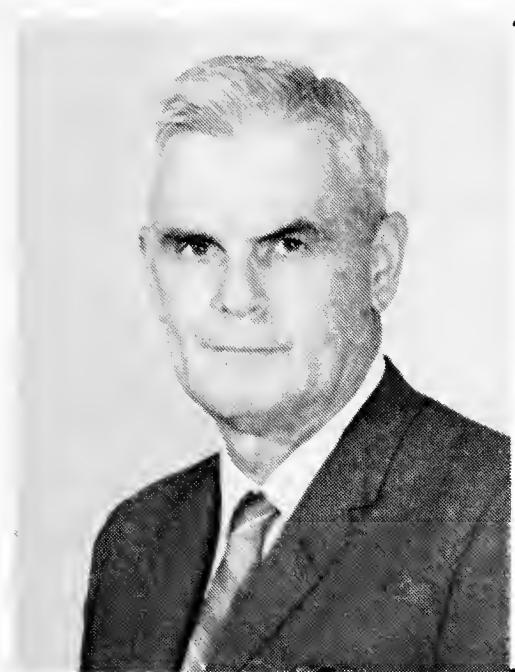
Second from the October issue:

"The winter of 1976-1977 should settle for all time any question about the hardiness of JIs in the Northern States and Southern Canada. In Terre Haute we had three nights with minus 20 degree Fahrenheit or lower and at least a week of continuous subzero nights. The ground was frozen three feet deep. No damage resulted either in the beds in clay in field conditions or in muck around the edge of the pond."

To bring the above chronological record up to date I can only add that my experience during the last two years has been more of the same.



The photo on page 43 of the October 1980 BULLETIN, showing a Region 13 judges training class near a Mt. St. Helens eruption was taken in Cook's Iris Garden, 6924 Pacific Highway, Tacoma, WA, Verna Cook has long been an active and integral part of Region 13 activities.



Domestic News

Fred Stephenson, Editor

THE RIVER FARM PROJECT

The River Farm Project came into being as a result of action of the AIS Board of Directors Meeting in Tulsa on April 30, 1980. (See Minutes in July 1980 BULLETIN) Its purpose is the development of an iris planting at the headquarters of The American Horticultural Society overlooking the Potomac River near Washington, D.C.

Having read an appeal to plant societies, in the AHS NEWSLETTER by Mr. Steven Davis, Assistant Director of River Farms, AIS Secretary, Carol Ramsey, brought the appeal to the AIS Board. Mr. Davis is an enthusiastic horticulturist and has set aside areas of the Farm to include plantings from the many different plant societies. This is to be known as an "Ideas Garden" designed for both beauty and education.

Claire Barr, RVP, Region 4 was asked to investigate the project. She, in turn, enlisted the aid of Region 4 members Celeste Cox and Dennis Wilkie. Mr. Davis was eager to move ahead with the iris planting and, enthusiastic about the help provided by hybridizers, in generous response to President Wolford's request, in the form of modern iris plants. Celeste and Charles Cox also donated, from their garden, a number of rhizomes of newer varieties representing other hybridizers.

River Farm was one of the five farms comprising George Washington's Mount Vernon Estate. To quote from an AHS brochure, "The gentle rolling Virginia landscape descends gradually to the river frontage where one can stand to view Washington Monument and the Capital City.—Plantings of boxwoods, magnolias, wysteria and other ornamentals blend into a setting of serene beauty."

The New Ideas Garden is bordered by the rose garden, a lovely old

brick wall, perennial borders and a group of trees along the river bank. The Dahlia Society has already beautifully established beds there and other offerings are being plotted. At present, space allotted to the irises consists of three raised beds 20 feet by 4 feet, with additional space provided in another bed beyond the rose garden. Mr. Davis hopes, at a later date, to incorporate plantings of other than TBs, including Siberians and Louisianas.

CYNTHIANA, KENTUCKY ENCOURAGES YOUTH

In order to generate widespread interest in the iris, elementary and junior high school students in Harrison County (KY) Schools were urged to prepare a large colorful poster illustrating the iris and advertising the 1980 Iris Show, "The Seasons—Iris Takes a Bow". Posters were judged by iris society members prior to the show. Ribbons were awarded and each poster was displayed in the show-window of a local merchant and again at the show.

In appreciation, each child participating in the contest received a blooming, potted iris plant from club members when his poster was returned following the show. (From Mrs. Rose Marie Vogt, Publicity Chairman, Harrison County Iris Society)

MEMPHIS AREA IRIS SOCIETY GROWS

A communication from Robby Browne of Region 7, Memphis Area Iris Society reveals that this society is extremely active. So far this year the group has recruited 56 *new* members raising total membership to 202. Interest in new members is shown at the ANNUAL NEW MEMBER BANQUET. At this pot-luck affair the new members are the guests of the others.

Much more information was supplied which will be covered in future issues of the BULLETIN.

Co-Introducing with Charjoy Gardens
117 Acacia Drive Lafayette, LA 70508

STRANGE ROMANCE (Campbell). LA, 36", E-M. 3-4 branches with 8-9 bud placements of 7" flowers, which are rosy lavender when fully open. Gold signal. Extra heavy substance enables it to withstand dashing rains and winds. This is a union of two great Mary Swords DeBaillon Awards winners. Strange Romance is producing some promising seedlings. Limited stock. Order from either source.....\$25.00

OREN E. CAMPBELL

6704 Incas Drive

North Little Rock, AR 72116



International News

Bee Warburton, Editor

IN MEMORIAM

Dr. Peter Werckmeister—August 29, 1980

With the passing of Dr. Peter Werckmeister, the iris world has lost one of its most distinguished scientists. Dr. Peter was Professor of Botany at the Botanical Institute, Geisenheim am Rhein, Germany, where his particular field was the genetics of wine grapes. His hobby, continued after his retirement to Dahme-Dahmeshoved, was irises, and his interest covered a wide range of activities of which the best known were first the genetics of Iris pigments, in which he was the world's first authority, and later the genetics and breeding of aril-breds to which his knowledge and experience contributed greatly. Of particular importance were his analysis of amphidiploidy and his concept of "fertile families."

In these studies, a richly rewarding collaboration with Dr. Marc Simonet was interrupted by Dr. Simonet's untimely death in 1963. A list of Simonet's published papers was prepared for the Yearbook, 1966, of the Aril Society International by Dr. Werckmeister. He was a prolific author, with numerous articles published in the Portfolios of the Dwarf Iris Society, The Yearbook of the British Iris Society, the Bulletins of the American Iris Society, and the Yearbook of the Aril Society International, in the latter of which he appeared as a regular contributor for a number of years.

His major work, the Catalogus Iridis, Namen und Synonyme des Genus *Iris*, was published as a second volume of its 1967 Yearbook by the German Iris and Lily Society. It is a monumental listing of published names and synonyms of taxa of the genus with much additional information including a listing of authors of botanical terms, with outlines of the classifications of Dykes-Diels, Lawrence, and Rodionenko.

His range of informative articles was wide. Besides researches in color pigments and their genetics, as summarized in "Iris Colours and Pigments," in the Report of the International Symposium in Florence, 1963, it featured many facets of the arils and arilbreds. He wrote about fertile families and sterilities, about embryo culture, his collecting trips and native habitats, on growing collected plants, on the particular importance of the Regelias, and their place in amphidiploids, even on flower anomalies.

Dr. Peter was not only a scientist, but a man of imagination as well, truly an artist. He had a lifelong involvement with the philosophy of plant breeding and the power of imagination in forming hypotheses upon which to base his work. One of his most notable articles is headed "Knowledge and Imagination in Breeding." (AIS Bulletin 168, January 1963), about the speculations formed by Bliss at the first international Congress in Paris, 1922; but his most enjoyable articles are bursting with remembered delight as he writes about his collecting trips in Syria and Lebanon (1957 Yearbook of the British Iris Society, reprinted in the 1973 Yearbook of the Aril Society International), entitled "In the Homelands of the Oncocyclus."

Dr. Peter visited us here in New England in 1970 on his way to the Golden Anniversary of the American Iris Society. To our amazement he sailed through customs at the airport with an armload of cut stalks, a most impressive presentation of his work with the arilbreds. In our garden, he appeared to be two feet in front of himself, with silver hair flying, bursting with enthusiasm. It is good to remember him that way.

Bee Warburton

ARTICLES BY DR. PETER WERCKMEISTER in the AMERICAN IRIS SOCIETY'S BULLETIN

- 1960 #158, Iris Colors and Pigments
- 1963 #163, Knowledge and Imagination in Breeding.
#169, *Iris auranitica* of Syria.
- 1969 #194, Red Irises and Cyanidin.
- 1970 #200, Anthocyanin Pattern

JEAN STEVENS' BOOK

About inquiry as to interest in Jean Stevens' book, it just shows how easy it is to miscommunicate, for what our friend Jean Collins was trying to find out was whether or not there would be a market for it in the USA IF the New Zealand Society reprinted it. Perhaps nobody can answer that question without having seen the original book and knowing how a new reprinted copy might be priced.

SIMONET TRANSLATIONS

Dr. Marc Simonet's two doctoral theses (of 1932 and 1934) cover a tremendous range of studies of *Iris* chromosomes, and are the most quoted references on the subject, but have not until now been available in English. The Median Iris Society as part of its special publication service, has prepared translations of the two theses, amounting to 120 pages of text with many microphotographs of species and hybrid *Iris* chromosomes. These papers are suitable for botanical and biological libraries, and may be bought for \$10.00 which is their approximate cost. Address inquiries to MIS Press, 2 Warburton Lane, Westboro, MA 01581.



APPROVED AFFILIATES

Expiration Date July 1, 1981

Region 21 ELKHORN VALLEY IRIS SOCIETY

Pres. Mr. Jim Hummel
801 Logan
Wayne, NE 68787

Region 4 NORTH CAROLINA IRIS SOCIETY

Pres. Mr. J. D. Stadler
1613 Country Club Rd.
Reidsville, NC 27320

CHANGES IN OFFICERS

Region 3 DELAWARE VALLEY IRIS SOCIETY

Pres. Mr. E. A. Maltman
206 Milltown Rd.
Wilmington, Delaware 19808

Region 18 PARSONS AREA IRIS SOCIETY

Pres. Mildred Williams
314 S. 35th St.
Parsons, KS 67357

TRI STATE IRIS SOCIETY

Pres. Dr. Thomas Grim
2901 Vermont
Joplin, MO 64801

NOTICE TO AFFILIATES

Affiliates whose affiliation expired on January 1st and who have not renewed their affiliation by March 20th will be removed from the approved list. They will lose affiliate privileges for that year. See Board of Directors Minutes in Bulletin 236 January 1980, Page 84.

1981 AIS JUDGES

REGION 1

G Mrs. Burleigh Allen, Tenant's Harbor, ME
S Mrs. Leona L. Bahret, Danbury, CT
H Mr. John A. Bartholomew, Gilford, NH
S Mrs. John A. Bartholomew, Gilford, NH
S Mrs. Thelma Greenwood Barton,
 Gardner, MA
S Mrs. Irving W. Fraim, Waltham, MA
S Mr. Frederick W. Gadd, Wethersfield, CT
G Mrs. Frederick W. Gadd, Wethersfield, CT
S Mr. John E. Goett, Monroe, CT
G Dr. Warren C. Hazelton,
 North Norway, ME
S Mr. Frederic A. Jacobs, Meriden, CT
S Mrs. Stephen C. Kanelia, Walpole, MA
G Dr. Kenneth K. Kidd, New Haven, CT
G Walter Kotyk, New Britain, CT
G Dr. Currier McEwen, South Harpswell, ME
S Mr. Bernard W. McLaughlin,
 South Paris, ME
G Mrs. Orrin E. Merrill, Epson, NH
S Mrs. William Messick, Weston, CT
G Mrs. Marilyn R. Noyes Mollicone,
 Augusta, ME
G Mr. Russell B. Moors, Auburn, ME
G Mrs. Russell B. Moors, Auburn, ME
S Miss Eleanor L. Murdock,
 East Templeton, MA
G Beatrice Palmer, Westford, MA
G Marie T. Panikoff, Glastonbury, CT
G Mrs. Maurice B. Pope, Jr., Gorham, ME
A Mrs. Keith Roberts, Barre, MA
G *RVP Mr. Clayton H. Sacks,
 Nobleboro, ME
G Mrs. Marian H. Schmuhl, Bedford, MA
S Mr. Carl G. Schulz, Meridan, CT
G Mrs. Carl G. Schulz, Meridan, CT
G Mr. Robert Sobek, Westford, MA
S Mr. Coulson Squires, Killingworth, CT
S Mrs. Charles I. Stephenson, Hamden, CT
S Mr. Kenneth W. Stone, Fitchburg, MA
S Mr. William Thomson, Stamford, CT
G Miss Shirley A. Varmette, New Haven, CT
S Mr. Kenneth M. Waite, Westfield, MA
G Mrs. Kenneth M. Waite, Westfield, MA
G Genevieve L. Walsh, Quincy, MA
H Mrs. F. W. Warburton, Westborough, MA
G Mrs. Ann Webb, Waterford, ME
G Mr. James R. Welch, Londonderry, NH
S Mrs. Troy R. Westmeyer, Stamford, CT
G Mr. Denis R. A. Wharton, Natick, MA
G Mrs. Barbara B. Whitehouse,
 Plainville, MA
G Wendy S. Shaw, Plainville, MA

REGION 2

A Mrs. Carolyn S. Bridgers, Oswego, NY
G Mr. James G. Burke, Lackawanna, NY
G Mr. Lynn Carmer, Spencerport, NY
G Mrs. Lynn Carmer, Spencerport, NY
S Dr. Irwin A. Conroe, Voorheesville, NY
G Mr. W. H. Cooper, Baldwinsville, NY
G Mrs. W. H. Cooper, Baldwinsville, NY
G Miss Eleanor M. Cosleman,
 Middleport, NY
G Mr. Albert F. De Groat, Brockport, NY
S Mrs. H. L. Edwards, Massapequa Park, NY
G Miss Mary P. Engel, Kenmore, NY
H Mr. Paul F. Frese, White Plains, NY
G Mr. James Gristwood, Phoenix, NY
G Mrs. James Gristwood, Phoenix, NY
S Mrs. Jane I. Hall, Clay, NY
S Mr. Lowell G. Harder, Churchville, NY
H Mr. Thomas E. Jacoby, Oakfield, NY
G Mr. J. H. Jamieson, Youngstown, NY
H Dr. Wm. McGarvey, Oswego, NY
G Mary Passero, Webster, NY
H Mr. William H. Peck, Oyster Bay, NY
S Mrs. O. F. Quist, Spring Valley, NY
S Mr. Robert H. Savage, Newburgh, NY
G Mrs. Walter A. Savage,
 North Syracuse, NY
G *RVP Mr. G. M. Schifferli,
 Lackawanna, NY
G Mrs. Elizabeth W. Simpson, Clarence, NY
G Mrs. Granger S. Smith, Manlius, NY
G Dr. Edward L. Valentine, Elma, NY
S Mr. George P. Watts, Armonk, NY
G Mrs. George P. Watts, Armonk, NY
G Mrs. Philip Winter, Fayetteville, NY
G Mr. Alfred T. Wirz, Kenmore, NY
G Mrs. Dorothy Yoerg, Ulster Park, NY
S Mrs. Phyllis Zezelic, Massapequa Park, NY
S Mr. Clinton Ziems, West Monroe, NY

REGION 3

G Mr. John A. Boylan, Cambridge Sprgs., PA
S Mrs. William E. Chambers,
 Merion Station, PA
G Mr. W. H. Clough, Pittsfield, PA
S Mrs. J. W. Dougherty, Pittsburgh, PA
G Mr. William G. Eyman, Allison Park, PA
H Mr. Orville W. Fay, Devon, PA
S Mrs. Frank W. Hankins, Smyrna, DE
S Dr. John Harvey, Jr., Wilmington, DE
G Mrs. Harry M. Hays, Butler, PA
H Mr. Wm. T. Hirsch, Malvern, PA
H Mr. Maxwell W. Hunter, Sr.,
 Hollidaysburg, PA

REGION 3 (*Continued*)

G Mr. Sterling U. Innerst, Dover, PA
G Mrs. Grant Kegerise, Reading, PA
G Mrs. R. P. Kegerise, Temple, PA
G Mr. C. M. Kelly, Berwyn, PA
S Mrs. Gustave E. Landt, Norristown, PA
H Mr. John C. Lyster, Aldan, PA
G Mrs. Stephan Molchan, Pittsburgh, PA
S Mrs. Cora May Pickard, Springfield, PA
G Mrs. Jean Quick, Clifford, PA
G Mrs. Theodore R. Shiner, Nescopeck, PA
G Mr. Todd Grace, Townsend, DE
S *RVP Mr. Paul R. Smith, Sanatoga, PA
G Mr. Robert J. Staub, New Oxford, PA
S Mrs. Guy E. Stevens, Wellsboro, PA
G Mrs. Ophelia F. Straw, Dauphin, PA
G Mr. Ronald J. Thoman, Wilmington, DE
G Mrs. Elizabeth Unruh, Wilmington, DE
G Mr. Jack Weber, Yeadon, PA
H Dr. John C. Wister, Swarthmore, PA

REGION 4

S Rev. Raymond L. Alexander,
Washington, NC
G Mr. Wm. E. Barr, Stevenson, MD
G *RVP Mrs. Wm. E. Barr, Stevenson, MD
G Mrs. Alice Bouldin, Elon College, NC
H Mr. Earl T. Browder, St. Albans, WV
S Mr. B. J. Brown, Charlotte, NC
S Mrs. B. J. Brown, Charlotte, NC
S Mrs. F. Allen Brown, Roanoke, VA
S Mr. Norman R. Clouser, Gladstone, VA
G Mrs. Charles M. Cox, Falls Church, VA
S Mrs. B. E. Crumpler, Roanoke, VA
A Mrs. Geraldine Davis, Elon College, NC
G Dr. E. Roy Epperson, High Point, NC
G Mrs. Miles P. Farrar, Mount Holly, NC
G Mrs. Frank H. J. Figge, Towson, MD
H Rev. Paul E. Folkers, Chatham, VA
G Mr. Maynard E. Harp, Baltimore, MD
G Mrs. Maynard E. Harp, Baltimore, MD
S Mr. Paul L. Hoffmeister, Neavitt, MD
S Mrs. Paul L. Hoffmeister, Neavitt, MD
G Mrs. Paul D. Kabler, Roanoke, VA
G Mrs. Troy Karriker, Kannapolis, NC
S Mr. W. D. Kelley, Lewisburg, WV
S Mrs. Clytie B. McCoy, Roanoke, VA
G Mrs. Fred M. Miller, Towson, MD
S Mrs. Robert L. Munn, Virginia Beach, VA
G Dr. D. C. Nearpass, College Park, MD
S Mrs. Donald W. Parham, High Point, NC
S Dr. Joseph B. Parker, Jr., Durnham, NC
G Mrs. A. H. Price, Summerfield, NC
G Dr. A. W. Rice, Roanoke, VA

S Mrs. A. W. Rice, Roanoke, VA
G Mrs. J. E. Rucker, Roanoke, VA
S Mr. Frank Sherrill, Charlotte, NC
G Mr. Richard C. Sparling, Olney, MD
G Mrs. Richard D. Steele, Charlotte, NC
S Mr. F. G. Stephenson, Roanoke, VA
G Mrs. James H. Trent, Roanoke, VA
G Mr. Andre Viette, Fishersville, VA
G David G. Walsh, Broadway, VA
A Mrs. Andrew C. Warner, Upperco, MD
S Dr. Lloyd Zurbrigg, Radford, VA

REGION 5

S Mrs. C. E. Buchanan, Atlanta, GA
S Mrs. Wells E. Burton, Ladson, SC
S Mrs. C. C. Chapman, Williston, SC
G Mr. L. A. Dillenbeck, Port St. Lucie, FL
S Mr. James H. Duren, Morrow, GA
S Miss Helen Estes, Gainesville, GA
S Mr. Johnson B. Hale, La Grange, GA
G Mrs. Johnson B. Hale, La Grange, GA
S Mrs. John S. Harley, Orangeburg, SC
A Mrs. William B. Hawkins, Lithonia, GA
S Mr. L. P. Irvin, Kissimmee, FL
G Mrs. Cassie E. James, Camden, SC
G Mrs. Carine D. Johnson, Cayce, SC
G Mrs. Frank L. Johnson, Elberton, GA
A *RVP Rev. Everett L. Lineberger,
Inman, SC
S Mrs. B. F. Martin, Columbia, SC
G Mrs. Edward L. Paquet, Cayce, SC
S Mrs. E. Fay Pearce, Atlanta, GA
S Mr. M. B. Satterfield, Atlanta, GA
G Mrs. R. G. Stockton, Tucker, GA
A Mr. Robert L. Terpening, Fairburn, GA
A Mrs. Robert L. Terpening, Fairburn, GA
S Mrs. T. E. Tolleson, Atlanta, GA
G Mr. Harry Turner, Snellville, GA
G Mr. Joe Scott Watson, Milledgeville, GA
G Mr. John W. Wood, Gaffney, SC
G Mr. C. E. Yearwood, Milledgeville, GA

REGION 6

H Mr. Jay C. Ackerman, Lansing, MI
H Mr. Bennett S. Azer, Mio, MI
S Mrs. Carl R. Bacon, Kalamazoo, MI
G Mr. Myron Beard, Akron, OH
G Mrs. Otho Boone, Wadsworth, OH
S Miss Olive M. Bowman, Woodville, OH
S John L. Briggs, Kalamazoo, MI
G Mr. Charles E. Burrell, Dayton, OH
G Mrs. Charles E. Burrell, Dayton, OH
G Mr. Michael Chesebro, Wayland, MI
G Mrs. Harold E. Cooper, Brookfield, OH

REGION 6 (*Continued*)

G *RVP Mr. James A. Copeland, Mattawan, MI
G Mrs. James A. Copeland, Mattawan, MI
G Mrs. Edwin R. Crosby, Flint, MI
G Mrs. Albert De Haan, Wayland, MI
S Mr. Marion F. Dow, Crestline, OH
S Mr. Lee Eberhardt, Springfield, OH
G Mrs. Robert Edwards, Indianapolis, IN
G Mrs. Albert Fillmore, Warren, OH
G Mr. James J. Foreman, Tipp City, OH
H Mr. A. H. Hazzard, Kalamazoo, MI
G Mrs. Wm. K. Hendershott, Canton, OH
S Mrs. Lila Howland, Morrice, MI
G Mr. Ivan E. Kinney, Hopkins, MI
S Dr. Frederick J. Knocke, Troy, MI
G Mr. Stuart J. Loveless, Grand Rapids, MI
G Mr. Robert A. Mallory, Grand Rapids, MI
S Mrs. Clarence G. Maynard, Royal Oak, MI
S Mr. Forrest V. McCord, Muncie, IN
G Mr. Roger A. Miller, Ossian, IN
G Mrs. Roger A. Miller, Ossian, IN
G Mrs. Robert E. Moore, Warren, OH
G Mr. Jack E. Norrick, Muncie, IN
G Mrs. Jack E. Norrick, Muncie, IN
G Mr. C. D. Overholser, New Albany, IN
S Mrs. C. D. Overholser, New Albany, IN
G Mr. M. D. Padrick, Fairland, IN
G Mrs. M. D. Padrick, Fairland, IN
G Mrs. Z. R. Prentiss, Akron, OH
S Mrs. Noel E. Proctor, Muncie, IN
G Mrs. D. Olen Rawdon, Akron, OH
S Miss Pauline Reindl, Crestline, OH
G Mrs. William T. Rhodes, Akron, OH
S Mrs. Chester Robarts, Whittemore, MI
G Mr. John D. Rusk, Jr., Bay Village, OH
S Mrs. C. W. Schmalstig, Dayton, OH
G Mrs. Edmond M. Siegling, Gahanna, OH
G Mr. William D. Simon, Westland, MI
S Mrs. Harold Slessman, Willard, OH
G Dr. Raymond G. Smith, Bloomington, IN
G Mrs. C. E. Soules, Indianapolis, IN
S Dr. Harold L. Stahly, Grand Blanc, MI
G Mrs. Henry L. Storey, Huntington, IN
S Mr. Fred L. Taylor, Masury, OH
S Mrs. Frederick Thaler, Mansfield, OH
S Mr. Raymond Thomas, Indianapolis, IN
G Mrs. Raymond Thomas, Indianapolis, IN
G Mr. Eugene D. Tremmel, North Royalton, OH
S Mrs. E. D. Warner, Brookville, OH
G Mr. Leland M. Welsh, Kalamazoo, MI
G Mrs. Orwin Wilhelmsen, Livonia, MI
S Mr. Frank A. Williams, Parchment, MI

H Miss Mary Williamson, Bluffton, IN
S Mr. Anthony Willott, Beachwood, OH
S Mrs. Anthony Willott, Beachwood, OH
S Mrs. Elsie Zuercher, Greenwood, IN

REGION 7

G Mr. Rodney A. Adams, Louisville, KY
G Mr. James W. Alexander, Lexington, KY
S Mrs. James W. Alexander, Lexington, KY
G Mr. W. C. Belus, Bartlett, TN
G Mrs. W. C. Belus, Bartlett, TN
H Mrs. William T. Bledsoe, Jackson, TN
G Mrs. Charles Bless, Lewisburg, TN
G Mrs. Stanley Boren, Lewisburg, TN
S Mr. Franklin P. Brewer, Lexington, KY
S Mr. Joe Brinkerhoff, Memphis, TN
A Mr. James R. Browne, Memphis, TN
G Mrs. Evalyn Story, Memphis, TN
G Mrs. Robert S. Carney, Memphis, TN
G Mr. J. L. Christopher, Murfreesboro, TN
A Mr. Ray Collins, Memphis, TN
A Mrs. Ray Collins, Memphis, TN
A Mr. Robert H. Cosby, Jr., Lexington, KY
G Mrs. Kearney Crick, Lewisburg, TN
S Chap. C. S. Cunningham,
Murfreesboro, TN
S Mrs. Ray M. Dalrymple, Sr., Memphis, TN
G Mr. Albert Dierckes, Erlanger, KY
G Mrs. Albert Dierckes, Erlanger, KY
G Mrs. Jared Elliot, Owensboro, KY
S Dr. Frank B. Galyon, Knoxville, TN
G Mrs. Edd Gordon, Woodbury, TN
G Mr. Byron C. Grebe, Memphis, TN
G Mrs. Edgar Green, Lewisburg, TN
G Mrs. Lawrence E. Hall, Nashville, TN
G Mrs. D. F. Hill, Lexington, KY
G Mr. Doyle B. Inman, Whitley City, KY
G Mrs. Lee A. Irwin, Mt. Juliet, TN
G Mrs. C. T. Jenkins, Murfreesboro, TN
G Mrs. Glenna Johnson, Nashville, TN
G Miss Lucy Carrington Jones, Memphis, TN
G Mrs. Donald R. King, Nashville, TN
G Mrs. Thlema Lamb, Scottsville, KY
G Mrs. M. A. Luna, Lewisburg, TN
G Mrs. Luther B. Martin, Memphis, TN
G Mr. Raymond N. Miller, Memphis, TN
H Mrs. Raymond N. Miller, Memphis, TN
G Mr. David Mohr, Lexington, KY
G *RVP Dr. Hubert C. Mohr, Lexington, KY
G Mrs. Hubert C. Mohr, Lexington, KY
G Jerry Phillips, Carthage, TN
S Mr. Henry Rabe, Ft. Mitchell, KY
G Mrs. Henry Rabe, Ft. Mitchell, KY
G Mrs. Dick Reynolds, Nashville, TN

REGION 7 (Continued)

S Mrs. R. G. Ross, Jr., Memphis, TN
H Mr. Jake H. Scharff, Memphis, TN
S Mrs. Shirley Sides, Memphis, TN
G Mr. Geo. D. Slade, Cynthiana, KY
G Mrs. Geo. D. Slade, Cynthiana, KY
G Mrs. Frank Tyree, Lewisburg, TN
G Mr. W. W. Vines, Memphis, TN
H Adolph J. Vogt, Louisville, KY
G Mr. Robert C. Walsh, Lexington, KY
G Mrs. Robert C. Walsh, Lexington, KY
G Mrs. W. C. Wilder, Nashville, TN
S Mrs. Henry J. Willenbrink, Louisville, KY
G Mr. Phillip A. Williams, Eagleville, TN
G Mrs. Elmer D. Winfree, Lebanon, TN

REGION 8

G Mrs. Peter Baukus, West Allis, WI
G Mr. Melvin Bausch, Mequon, WI
G Mrs. Melvin Bausch, Mequon, WI
S Mr. A. G. Blodgett, Waukesha, WI
S Mrs. A. G. Blodgett, Waukesha, WI
G Mr. Walter Carlock, Minneapolis, MN
G Joan Cooper, St. Paul, MN
G Mrs. R. W. Dalgaard, Minneapolis, MN
G Mrs. Leroy Duvall, Dassel, MN
G Dr. Norman Frisch, Oshkosh, WI
G Mrs. DuWayne Giefer, Nicollet, MN
H Glenn F. Hanson, Minneapolis, MN
G Zula A. Hanson, Minneapolis, MN
G Mr. Charles Holtz, Fond Du Lac, WI
G Mr. Frederick C. Jahnke, Cedarburg, WI
G Mr. Royal Johnson, Windlake, WI
G Mrs. Royal Johnson, Windlake, WI
G Dr. Donald Koza, St. Paul, MN
S Alice Foss Kronebusch, Minneapolis, MN
G *RVP Mr. W. A. Machulak,
 Hales Corners, WI
G Mrs. W. A. Machulak, Hales Corners, WI
S Mrs. D. C. Messer, Excelsior, MN
G Mrs. Lavone R. Ney, Milwaukee, WI
G Mr. Gene Nordquist, Canby, MN
S Mr. Clarence H. Protzmann,
 Milwaukee, WI
S Mr. Robert M. Reinhardt, New Berlin, WI
S Mrs. Robert M. Reinhardt, New Berlin, WI
G Mr. Stanton C. Rudser, Minneapolis, MN
G Mrs. Lois Seeden, Rogers, MN
S Mr. Wilbert G. Sindt, Afton, MN
G Mrs. Wilbert G. Sindt, Afton, MN
S Mrs. Clifford Stover, Minneapolis, MN
G Mr. Julius Wadekamper, Elk River, MN
S Miss Nadine Yunker, Taycheedah, WI

REGION 9

G Mr. Donovan Albers, Northlake, IL
S Mrs. Michael Birkholtz, West Chicago, IL
S Mr. Fred E. Bond, Albion, IL
S Mr. Harley E. Briscoe, White Hall, IL
G Mrs. Czarina Brown, Marion, IL
S Mrs. Clyde Cox, Eldorado, IL
G Mr. Henry Danielson, Chicago, IL
G Mr. Orville Dickhaut, Carlinville, IL
G Mrs. Orville Dickhaut, Carlinville, IL
G Mr. Edwin T. Drake, Park Ridge, IL
G Mrs. Edwin T. Drake, Park Ridge, IL
S Mrs. Paul E. Dunbar, Caseyville, IL
H Mr. Hubert A. Fischer, Hinsdale, IL
S Mrs. William Hagberg, Westmont, IL
S Mr. G. E. Hubbard, Dekalb, IL
G Mr. Karl F. Jensen, Belvidere, IL
G Mrs. Karl F. Jensen, Belvidere, IL
G Mrs. Franklin Johnson, Rockford, IL
G *RVP Mrs. Rita Kinsella,
 Fairview Heights, IL
S Mr. James Mason, La Grange Park, IL
G Ruth Messer, West Chicago, IL
S Mrs. L. F. Murphy, Mount Vernon, IL
G Mr. Ted A. Olson, Jacksonville, IL
G Mrs. Dorothy M. Pais, Richton Park, IL
S Miss Marilyn J. Redenbo, Smithboro, IL
G Mr. George Rodosky, Kinsman, IL
S Mr. Nathan H. Rudolph, Aurora, IL
G Mrs. Nathan H. Rudolph, Aurora, IL
G Mr. Marvin A. Shoup, Kankakee, IL
G Mr. C. J. Simon, Hinsdale, IL
A Mrs. C. J. Simon, Hinsdale, IL
G David B. Sindt, Chicago, IL
G Mrs. Florence E. Stout, Lombard, IL
S Mr. John M. Thompson, Springfield, IL
S Mr. D. Steve Varner, Monticello, IL
G Mrs. Gloria L. Vinton, Granite City, IL

REGION 10

S Miss Aline Arceneaux, Lafayette, LA
H Mr. C. W. Arny, Jr., Lafayette, LA
G Mrs. C. W. Arny, Jr., Lafayette, LA
H Mrs. Walter Colquitt, Shreveport, LA
G *RVP Mr. Richard Goula, Lafayette, LA
G Mr. Marvin A. Granger, Lake Charles, LA
S Mrs. Erwin Jordan, Alexandria, LA
G Dr. Bernard H. McSparrin, Alexandria, LA
G Mr. Joseph K. Mertzweiller,
 Baton Rouge, LA
G Mrs. Ira S. Nelson, Broussard, LA
G Mrs. Ed Ostheimer, Houma, LA
G Mr. Jules A. Patin, Lafayette, LA
G Mrs. Hubert Rena, Metairie, LA

REGION 11

G Mrs. J. W. Allison, Meridian, ID
 S Mrs. Floyd Bandy, Twin Falls, ID
 G Mrs. Duane M. Cass, Missoula, MT
 G Mr. Donald Chadd, Twin Falls, ID
 G *RVP Mr. David Durnford, Missoula, MT
 S Mr. Robert L. Jensen, Montpelier, ID
 S Mrs. Alfred Kramer, Castleford, ID
 S Mrs. L. Brooks Lawson, Kalispell, MT
 G Mrs. Grace Kershaw Leach, Caldwell, ID
 S Mr. H. N. Metcalf, Bozeman, MT
 G Mrs. Victor W. Nelson, Twin Falls, ID
 G Mrs. Floyd H. Smith, Great Falls, MT
 S Mrs. Lowell A. Storm, Chugwater, WY
 H Mrs. C. W. Vallette, Declo, ID
 S Mrs. W. R. Walters, Great Falls, MT

REGION 12

G Mr. Hyram L. Ames, Salt Lake City, UT
 G Mr. D. C. Anderson, Salt Lake City, UT
 G Mr. Tony L. Ballard, Smithfield, UT
 S Mrs. Townley Brian, Ogden, UT
 S Mrs. David E. Burton, Salt Lake City, UT
 S Mrs. T. O. Daley, Ogden, UT
 G Mrs. Willard Done, Salt Lake City, UT
 G Miss Charlotte T. Easter, Salt Lake City, UT
 S Mr. James R. Hamblen, Roy, UT
 H Mrs. James R. Hamblen, Roy, UT
 S Mrs. H. C. Hansen, Logan, UT
 S Mildred S. Johnson, Salt Lake City, UT
 S Dr. Odell Julander, Mapleton, UT
 S Mr. Carl A. Larsen, Salt Lake City, UT
 S Mr. Wm. E. McClure, Roy, UT
 S Mrs. Thomas Osguthorpe,
 Salt Lake City, UT
 A Miss Suzanne Parry, Salt Lake City, UT
 G Mr. Stanley Petersen, Kearns, UT
 S Mr. Les Peterson, Salt Lake City, UT
 A Mrs. Cathy Reed, Holladay, UT
 S Mrs. Gladys M. Reynolds, Bountiful, UT
 A Mr. E. F. Ritter, Kaysville, UT
 G Mrs. Thelma F. Rose, Layton, UT
 S Mr. Raymond C. Solomon,
 Salt Lake City, UT
 S Mr. Herbert J. Spence, Ogden, UT
 G Mr. Ben H. Stanger, Ogden, UT
 S Mrs. Merlin Tams, Wellsville, UT
 S Mr. Bion Tolman, Salt Lake City, UT
 G *RVP Mr. Keith H. Wagstaff,
 Salt Lake City, UT

REGION 13 RVP failed to report

REGION 14

G Mrs. William Anning, Los Altos Hills, CA
 A Mr. Lee Boehmer, Redding, CA
 G Mr. Carl H. Boswell, Concord, CA
 G Mrs. Carl H. Boswell, Concord, CA
 G Mr. Robert Brown, Kensington, CA
 S Mrs. Sam Burnett, Sacramento, CA
 S Mrs. E. V. Butler, Sacramento, CA
 G Mrs. Jack H. Cochran, Henderson, NV
 G Mrs. Mark Condo, Las Vegas, NV
 S Mr. Glenn F. Corlew, Walnut Creek, CA
 S Mrs. John Coscarelly, San Jose, CA
 H Mr. Frank L. Crouch, Berkeley, CA
 S Ann Branch Dasch, Stockton, CA
 G Mr. Don R. Denney, Hayward, CA
 S Mr. Sidney P. DuBose, Stockton, CA
 S Mrs. Robert L. Dunn, No. Highlands, CA
 G Mr. Frank J. Foster, Sebastopol, CA
 S Mr. Thomas W. F. Foster, Sonoma, CA
 G Lilly M. Gartman, Los Gatos, CA
 S Mr. Joseph A. Gatty, Stockton, CA
 H Mr. Larry A. Gaulter, Castro Valley, CA
 S Mrs. Larry A. Gaulter, Castro Valley, CA
 S Mr. Joseph J. Ghio, Santa Cruz, CA
 S Mr. Jim M. Gibson, Porterville, CA
 G Mr. Richard E. Gibson, Sacramento, CA
 H Mr. Ben R. Hager, Stockton, CA
 G Mrs. Robert E. Haley, Vallejo, CA
 G Miss Gigi Hall, Fremont, CA
 G Mrs. Eugene A. Harris, Henderson, NV
 A Mr. Vernon Hauk, Redding, CA
 G Mrs. Merry L. Haveman, Burlingame, CA
 G Mrs. Evelyn Hayes, Lemoore, CA
 G Dr. Charles Haynes, Fresno, CA
 S Mrs. Marilyn Holloway, Sacramento, CA
 G Mrs. C. A. Hulbert, Sr., Philo, CA
 S Mrs. Jim Ingle, Tulare, CA
 S Mr. George W. Johnson, Castro Valley, CA
 S Mr. Keith Keppel, Stockton, CA
 G Mrs. Gladys Kloberdanz, Modesto, CA
 S Mr. Walter F. Luihn, Hayward, CA
 G Mr. William R. Maryott, San Jose, CA
 A Mr. Ray Morris, Windsor, CA
 G Mr. Hal Mattos, Foster City, CA
 S Mrs. Paul Maxim, Redding, CA
 G Mr. James P. McWhirter, Hayward, CA
 G Duane E. Meek, Concord, CA
 G Joyce Meek, Concord, CA
 A Mrs. Jean Near, Redwood Valley, CA
 G Dr. John Nelson, Saratoga, CA
 G Mrs. Iris I. Nelson, Saratoga, CA
 G Mrs. Evelyn B. Newman, Sunnyvale, CA
 S Mrs. R. Nelson Nicholson, Stockton, CA
 G Mrs. John D. O'Brien, Portola Valley, CA

REGION 14 (Continued)

S Mr. Roy L. Oliphant, Berkeley, CA
G Capt. M. C. Osborne, Sunnyvale, CA
A Muriel Perkins, Los Altos Hills, CA
S Mr. D. L. Peterson, San Jose, CA
S Mr. Carl A. Quadros, Hanford, CA
G Mrs. Lucile Ray, Las Vegas, NV
G Mr. Gomer Reece, Fresno, CA
G Mr. Sam Reece, Fresno, CA
H Miss Ruth Rees, San Jose, CA
H Mrs. Bernice Roe, San Jose, CA
S Mrs. Arthur L. Romer, Ukiah, CA
S Mr. W. B. Schortman, Porterville, CA
H W. F. Scott, Jr., Walnut Creek, CA
S Mrs. Mona Stipp, Santa Rosa, CA
G Mrs. Sven I. Thoolen, Orinda, CA
H Mrs. Hugo Wall, Stockton, CA
G Mrs. W. G. Waters, Berkeley, CA
G *RVP Dr. John Weiler, Fresno, CA
G Mrs. Verne J. Wheeler, Sacramento, CA
G Mr. Bryce Williamson, Campbell, CA
S Vernon Woods, Pinole, CA
G Mrs. Opal Zug, Las Vegas, NV

REGION 15

S Mr. Thornton M. Abell, Santa Monica, CA
H Dr. Ray C. Allen, Tucson, AZ
G Miss Joanne Anderson, Canoga Park, CA
S Mrs. Polly Anderson, La Canada, CA
G Mr. Richard A. Basler, Irvine, CA
S Mrs. Rex P. Brown, Hemet, CA
G Mrs. Walter Bunker, San Diego, CA
S Mrs. N. R. Carrington, San Diego, CA
G Mrs. Eunice Carter, Jamul, CA
G Mrs. Valera V. Chenoweth,
Lemon Grove, CA
G *RVP Janice Chesnik, San Marcos, CA
S Mr. Ralph Conrad, Bonsall, CA
G Mrs. Alan W. Denney, Santa Monica, CA
G Mrs. James R. Deremiah, Phoenix, AZ
G Mrs. Donald Dopke, Phoenix, AZ
G Mr. Duncan Eader, Arcadia, CA
S Mrs. Charles R. Foster, Vista, CA
S Mrs. Harry B. Frey, Riverside, CA
G Mr. Howard W. Goodrick, Hemet, CA
S Mrs. Howard W. Goodrick, Hemet, CA
G Mr. W. J. Gunther, Del Mar, CA
S Mrs. Dick Hadley, Arlington, CA
G Mrs. Bernard Hamner, Perris, CA
G Mrs. John Harlow, Tucson, AZ
G Mr. Wm. D. Hawkinson, El Monte, CA
S Mrs. Wm. D. Hawkinson, El Monte, CA
S Mr. L. W. Hooker, Spring Valley, CA

S Mr. Charles R. Hopson, San Clemente, CA
S Mrs. Mary N. Hoskins, Bakersfield, CA
G Mrs. Margaret Howard, Escondido, CA
G Mr. Robert P. Hubley, Riverside, CA
G Mrs. Genevieve H. Jasper, Tucson, AZ
S Mrs. Lois K. Joris, San Bernardino, CA
A Mr. Christopher Kennedy, Phoenix, AZ
H Dr. Lee W. Lenz, Claremont, CA
G Mrs. Eleanor McCown, Holtville, CA
S Mr. Herbert H. McKusick, Globe, AZ
G Mrs. Ronald E. McLean, Tucson, AZ
S Mrs. George W. Nelson, Riverside, CA
S Mrs. Paul Newman, La Jolla, CA
S Mrs. Edward Owen, Encinitas, CA
A Mr. Robert J. Parker, Los Angeles, CA
G Mrs. Henry Peterson, Yuma, AZ
G Mr. S. August Phillips, Inglewood, CA
G Myrna Pollock, Reseda, CA
S Mr. Jose C. Rivera, Vista, CA
S Mrs. G. M. Roach, Sr., Los Angeles, CA
G Mrs. E. L. Roberts, Ontario, CA
S Mr. Mark E. Rogers, Yucaipa, CA
G Mrs. Norman S. Romero, Scottsdale, AZ
A Mary Scheidler, Phoenix, AZ
H Mrs. Barbara Serdynski, Los Angeles, CA
G Mr. Richard J. Sloan, Arcadia, CA
G Mr. Roy L. Sylvies, Quartz Hill, CA
G Mrs. Roy L. Sylvies, Quartz Hill, CA
G Mrs. J. E. Tearington, Hawthorne, CA
S Mrs. J. W. Turner, Tucson, AZ
H Mr. Marion R. Walker, Ventura, CA
G Mrs. Evangeline Welborn,
N. Hollywood, CA

REGION 16

S Mr. Donald V. Fritshaw,
Hamilton, Ontario, Canada
S Mrs. Luella Harris,
Toronto, Ontario, Canada
S Mr. Douglas Insleay, Ville Brossard,
Quebec, Canada
G Miss Verna Laurin, Willowdale,
Ontario, Canada
G *RVP Mr. John McMillen, Norwich,
Ontario, Canada
S Mr. M.D. Smith, Thornhill,
Ontario, Canada
G Mr. Jack Taylor, Willowdale,
Ontario, Canada

REGION 17

S Mrs. A. M. Aikin, Jr., Paris, TX
G Mrs. W. D. Brady, Dumont, TX
G Mr. Lester E. Brooks, Iowa Park, TX

REGION 17 (Continued)

S Mrs. Lester E. Brooks, Iowa Park, TX
S Mrs. Lawrence Burt, Sr., Waco, TX
H Marie Caillet, Frisco, TX
S Dr. Jesse W. Collier, Bryan, TX
G Mr. F. D. Coppin, Waco, TX
G Mrs. Frank Courtney, Dallas, TX
G Mr. Jim D. Coward, Waxahachie, TX
G Mrs. K. G. Davis, Chillicothe, TX
G Mrs. Martin H. Dean, New Braunfels, TX
G Mr. Robert Demory, Richardson, TX
G Mrs. M. S. Downing, Canyon, TX
G Mrs. Joe Frank, Canyon, TX
S Mrs. Doyle Gray, Belton, TX
G Mrs. Hazel M. Haik, Waco, TX
G Una Hamilton, Dallas, TX
S Mr. H. H. Henkelman, Fort Worth, TX
G Mrs. Finley Herrington, Lorenzo, TX
S Mr. Paul W. Horn, Fort Worth, TX
G Mrs. Charles A. Howard, Lubbock, TX
G Mrs. Vernon H. Keesee, Lubbock, TX
G Mrs. Harley L. King, Tulia, TX
S Mrs. W. F. Jack Lawhorn, Temple, TX
G Mr. E. W. Lawler, Carrollton, TX
S Mr. W. D. Lee, Magnolia, TX
G Mr. Walter Moores, Fort Worth, TX
H Mrs. J. Arthur Nelson, Nacogdoches, TX
G *RVP Mrs. Roy Nichols, Amarillo, TX
S Mr. M. W. Norton, Jr., Dallas, TX
S Mrs. M. W. Norton, Jr., Dallas, TX
H Mrs. Stayton Nunn, Houston, TX
S Mr. Wm. K. Patton, Matador, TX
G Mrs. C. W. Peavey, San Antonio, TX
S Mrs. W. W. Popejoy, Phillips, TX
G Mrs. Dorothy M. Riddler, El Paso, TX
G Mrs. C. C. Rockwell, Jr., Fentress, TX
H Mr. Guy Rogers, Fort Worth, TX
H Mrs. John C. Sexton, El Paso, TX
G Capt. Otis R. Skinner, Yorktown, TX
G Mrs. Otis R. Skinner, Yorktown, TX
G Mr. Frank L. Stephens, Amarillo, TX
G Mrs. Luella Stopani, El Paso, TX
S Mrs. A. M. Tallmon, Nocona, TX
G Mrs. John Wade, El Paso TX
G Mrs. N. W. Williams, Fort Worth, TX
S Mr. Leon C. Wolford, Dallas, TX
G Mrs. Leon C. Wolford, Dallas, TX

S Mr. Clifford W. Benson, Hermann, MO
G Mr. Chester Blaylock, Cape Girardeau, MO
A Mr. Harry Boyd, Cedar Hill, MO
A Mrs. Harry Boyd, Cedar Hill, MO
G Mrs. Leo Boulanger, Parsons, KS
A Roy Bohrer, O'Fallen, MO
S Mrs. Roy Brizendine, Topeka, KS
S Mr. W. F. Brown, Golden, MO
H Mrs. Walter H. Buxton, St. Louis, MO
S Mrs. James Lee Chism, Festus, MO
G Mrs. Pat Christena, Wichita, KS
G Mrs. Meredith E. Christlieb, Severy, KS
G Mr. Bob Crockett, Joplin, MO
S Mrs. Bob Crockett, Joplin, MO
S Mr. Zeh Dennis, Jr., Springfield, MO
S Mrs. Zeh Dennis, Jr., Springfield, MO
A Mrs. Joseph J. Duesberg, Selden, KS
G Mrs. Julius Dutton, Labadie, MO
G Mr. Floyd Dyer, Wichita, KS
G Mr. Larry Ermey, Wichita, KS
G Mrs. Robert E. Ewing, Wichita, KS
A Mr. Keith Fillmore, Garden City, KS
G Mr. C. L. Fondoble, Washburn, MO
S Mrs. C. L. Fondoble, Washburn, MO
G Mrs. C. T. Freidline, Wichita, KS
G James Fry, Wichita, KS
G Lucy Fry, Wichita, KS
G Mr. Norman Gossling,
Cape Girardeau, MO
G Mrs. Norman Gossling,
Cape Girardeau, MO
S Mrs. Ervin Gruben, Scott City, KS
S Mr. C. Allen Harper, Moran, KS
S Mrs. Paul Hatcher, Emporia, KS
S Mrs. Charles Heisz, Selden, KS
G Mr. Calvin H. Helsley, Mansfield, MO
A Mrs. Paul Henderson, Valles Mines, MO
S Miss Annabel Hennrich, Ironton, MO
G Mrs. John E. Jackson, Festus, MO
G Rev. Robert R. Jeffries, Sublette, KS
G Mrs. Martha D. Johnson, McPherson, KS
S Rev. David R. Kinish
G Mrs. Edwin W. Knight, Farmington, MO
G Mr. Delbert O. Long, Virgil, KS
G Mrs. Delbert O. Long, Virgil, KS
A Mrs. Larry Mallon, Emporia, KS
A Mrs. Robert Mark, Garden City, KS
S Mr. M. J. McHugh, Kansas City, MO
G Mrs. M. J. McHugh, Kansas City, MO
S Mr. Robert Minnick, Kansas City, MO
S Mrs. Robert Minnick, Kansas City, MO
S Mr. Russell Morgan, Parsons, KS
G Mrs. Russell Morgan, Parsons, KS
G Mr. Orval V. Moritz, Noel, MO
G Mr. James W. Morris, Florissant, MO

REGION 18

G Mr. Bob Ammerman, Florissant, MO
S Mrs. August Bellagamba, Bridgeton, MO
G Mr. George A. Bender, McPherson, KS
G Mrs. George A. Bender, McPherson, KS

REGION 18 (Continued)

A Mrs. James W. Morris, Florissant, MO
G Mr. John Nichols, Newton, KS
S *RVP Mr. O. D. Niswonger,
Cape Girardeau, MO
S Mr. Ray C. Palmer, Manchester, MO
H Mrs. Ray C. Palmer, Manchester, MO
G Mrs. Fred A. Paulsen, Wichita, KS
G Mr. Jimmie L. Poe, Norwich, KS
G Mrs. Jimmie L. Poe, Norwich, KS
S Mrs. Russell M. Pryer, Joplin, MO
G J. Donald Puett, Baxter Springs, KS
G Mrs. J. Donald Puett, Baxter Springs, KS
S Mrs. Victor A. Quesnel, Farmington, MO
S Mrs. Richard V. Ramsey, Wichita, KS
G Mr. James Rasmussen, Hutchinson, KS
S Mrs. Helen Reynolds, El Dorado, KS
A Mrs. W. E. Rigsby, Olpe, KS
G Mrs. Robert H. Robinson, Wichita, KS
S Mr. Elvan E. Roderick, Desloge, MO
G Mrs. Elvan E. Roderick, Desloge, MO
S Mrs. Harlan Rogers, Emporia, KS
S Mrs. J. H. Salley, Liberal, KS
H Mr. Carl O. Schirmer, St. Joseph, MO
G Mr. Robert Small, Viola, KS
G Mrs. Harry E. Spence, McPherson, KS
S Mr. Stanley G. Street, Independence, MO
G Francis E. Sutton, Ironton, MO
S Mr. Elmer H. Tiemann,
Frederickstown, MO
A Mrs. Ed Tomchak, Garden City, KS
G Mr. George E. Torrey, Wichita, KS
G Mrs. George E. Torrey, Wichita, KS
G Mrs. Robert Ven John, Dodge City, KS
A Annette Vincent, Emporia, KS
S Mr. George W. Warner, Junction City, KS
G Mrs. James Watters, Washington, MO
G Mrs. Floyd J. White, Sr., Festus, MO
A Mrs. Ben F. Winter, Emporia, KS
G Mr. Russell H. Wurl,
Maryland Heights, MO
A Mary Wyss, Independence, MO
G Mrs. Gladys Young, Parsons, KS

REGION 19

S Mrs. Elizabeth Aulicky, Warren, NJ
S Mr. Raymond J. Blicharz, Trenton, NJ
S Mr. Franklin E. Carr, Bordentown, NJ
G Mrs. Harry Held, Warren, NJ
G Mr. B. J. Houseward, Jr., Hawthorne, NJ
G Mr. Wm. J. Krasting, Wenonah, NJ
S Mr. Melvin Leavitt, Whitehouse, NJ
G Mrs. Melvin Leavitt, Whitehouse, NJ
G Mr. F. J. McAliece, Tenafly, NJ

G Mrs. F. J. McAliece, Tenafly, NJ
G Dr. Norman H. Noe, Martinsville, NJ
G Mrs. Lloyd F. Rake, Titusville, NJ
S Mr. C. B. Reeves, Jr., West Cape May, NJ
A Mrs. C. B. Reeves, Jr., West Cape May, NJ
G Mrs. Willard I. Rogers,
Berkeley Heights, NJ
G *RVP Mr. David Silverberg, Howell, NJ
G Mrs. David Silverberg, Howell, NJ
A Mrs. Nancy Szmuriga, Highland Park, NJ
H Mrs. Elizabeth A. Wood, Red Bank, NJ
G Mr. Stephen Zdepski, Milford, NJ

REGION 20

G Mrs. Paul Anderson, Lasalle, CO
G Mary Jo Christenson, Littleton, CO
A Mrs. John N. Cuthbert, Englewood, CO
A Mrs. Richard E. Doty, Denver, CO
H *RVP Dr. Jack R. Durrance, Denver, CO
A Mr. Merritt E. Esmiol, Kremmling, CO
G Mrs. William R. Goebel, Denver, CO
G Mr. Charles L. Hare, Longmont, CO
G Mrs. Charles L. Hare, Longmont, CO
S Mr. John Hartman, Meeker, CO
S Mrs. Samuel L. Heacock, Denver, CO
S Mr. Joseph H. Hoage, Lakewood, CO
G Mrs. H. P. Hollingsworth,
Colorado Springs, CO
G Mrs. M. H. Hurlburt, Denver, CO
G Mrs. Morris James, Golden, CO
S Mrs. Thomas A. Johnson, Denver, CO
G Dr. Carl Jorgensen, Fort Collins, CO
G Mrs. K. R. Kelly, Denver, CO
S Mr. Harry B. Kuesel, Littleton, CO
S Mr. Everett Long, Boulder, CO
G Mr. Ray D. Lyons, Lakewood, CO
G Mr. Thomas L. Magee, Littleton, CO
G Mrs. Bethel Martin, Greeley, CO
G Mrs. Julianne Merritt, Englewood, CO
G Mrs. Tolbert E. Murphy,
Colorado Springs, CO
A Mr. John O'Donnell, Colorado Springs, CO
G Mrs. Dwane Quinn, Colorado Springs, CO
G Mr. Robert O. Sorensen, Denver, CO
G Mr. M. L. Steinheimer,
Colorado Spring, CO
S Mr. E. E. Varnum, Colorado Springs, CO
S Mrs. Ted Weber, Denver, CO
S Mrs. Charles Wedow, Denver, CO

REGION 21

G Mickey Schliefert Anson, Murdock, NE
A Ardeh Bailey, Carter Lake, IA
G Dr. Robert L. Bledsoe, Sioux Falls, SD

REGION 21 (*Continued*)

G Mrs. Robert L. Bledsoe, Sioux Falls, SD
G Mrs. George Boardman, Valley, NE
G Mr. Charles T. Claussen, Sioux Falls, SD
G Mrs. Charles T. Claussen, Sioux Falls, SD
S Mrs. J. N. Cox, Norfolk, NE
G Mr. James L. Ennenga, Omaha, NE
G Mr. Allen G. Ensminger, Lincoln, NE
G Mr. Leo W. Framke, Blencoe, IA
G Mrs. Arnold Freudenburg, Norfolk, NE
G Mrs. Anne M. Gaddie, Stanton, NE
G Mr. Gene Gaddie, Norfolk, NE
S Mrs. John A. Graff, Omaha, NE
S Mrs. Hazel Grapes, Big Springs, NE
A Mr. H. W. Gray, Sioux Falls, SD
G Mr. John E. Griffin, Sioux Falls, SD
S Mr. Larry Harder, Ponca, NE
G Barbara Harrod, Lincoln, NE
G Mrs. A. J. Harvey, Lexington, NE
A Mr. Charles Hemmer, Sioux Falls, SD
A Mrs. Charles Hemmer, Sioux Falls, SD
S Mr. Lester Hildenbrandt, Lexington, NE
S Mrs. Leon N. Hocjett, Marshalltown, IA
A Mr. Leo L. Horton, Sioux Falls, SD
G Mr. Jay D. Hummel, Wayne, NE
G Mr. Jim D. Hummel, Wayne, NE
G Mrs. Vera Hummel, Wayne, NE
S Lucille J. Kavan, Omaha, NE
S Mr. W. M. Keeling, Falls City, NE
G Mrs. Lucile E. Larson, Wayne, NE
G Mrs. Evangeline Martindale,
 Sioux Falls, SD
G Mr. Roger P. Mazur, Omaha, NE
G *RVP Mr. Leonard J. Michel, Ames, IA
G Kay Nelson, Omaha, NE
G Mr. Roger Nelson, Wayne, NE
G Mrs. Curt Parsons, Sioux City, IA
S Mrs. N. S. Pederson, Norfolk, NE
S Mr. Richard T. Pettijohn, Omaha, NE
H Mrs. Ralph E. Ricker, Sioux City, IA
S Mrs. C. V. Robertson, Chambers, NE
H Mr. Henry E. Sass, Bennington, NE
A Dorothy Schaefer, Waukeet, IA
H Mr. Arnold E. Schliefert, Murdock, NE
G Mr. Kempton Settle, Marshalltown, IA
G Mrs. Kempton Settle, Marshalltown, IA
S Mr. Clifford W. Smith, Vermillion, SD
G Mr. Fred E. Spahn, Dubuque, IA
A Mrs. Thomas E. Tingley, Bellevue, NE
G Mr. C. O. Torkelson, Ames, IA
H Mr. Charles G. Whiting, Mapleton, IA
S Dr. R. W. Wilder, Stanhope, IA



REGION 22

S Mr. Wiley Abshire, Seminole, OK
S Mr. M. B. Bartley, Enid, OK
A Mr. Robert S. Benton, Tulsa, OK
A Mrs. Robert S. Benton, Tulsa, OK
G Mr. Paul W. Black, Wheatland, OK
S Mr. Richard C. Butler, Little Rock, AR
S Mr. Oren E. Campbell, No. Little Rock, AR
H Mr. Frank E. Chowning, Little Rock, AR
S Mrs. J. P. Crawford, Oklahoma, OK
G Mr. C. A. Cromwell, Oklahoma, OK
G Mrs. C. Wayne Drumm, Stillwater, OK
G Mr. Perry Dyer, Blanchard, OK
G Mrs. Dan Edelman, Crowder, OK
S Mrs. Howard Estes, Oklahoma City, OK
S Mrs. W. O. Fleck, Ponca City, OK
S Mr. W. G. Frass, Enid, OK
S Mrs. R. L. Gilbert, Lawton, OK
G Mrs. James Gildea, Enid, OK
G Mr. James Hawley, Edmond, OK
G Mrs. Jaymie Heathcock, Mounds, OK
G Mrs. H. R. Hensel, Norman, OK
G Mr. Alva J. Hickerson, Tulsa, OK
S Mrs. Alva J. Hickerson, Tulsa, OK
H Miss Eleanor Hill, Tulsa, OK
G Mrs. Robert C. Howard, Tulsa, OK
G Dr. W. E. Jones, Oklahoma City, OK
S Mrs. Charles E. Kenney, Tulsa, OK
G Mrs. Virginia Mathews, Stillwater, OK
S Mrs. Helen McCaughey,
 Oklahoma City, OK
S Mrs. J. B. McConnell, Tulsa, OK
S Mr. Richard Morgan, Little Rock, AR
S Mr. Ronald Mullin, Pawnee, OK
G Mr. Hooker Nichols, Woodward, OK
G Mr. Cleo Palmer, Geary, OK
G Mr. Perry L. Parrish, Oklahoma City, OK
G Mrs. Ica Pierson, Lawton, OK
S Mrs. Harold G. Plato, Oklahoma City, OK
G Mrs. Robert Pollard, Crescent, OK
G *RVP Mrs. William M. Rhodes,
 Osage, OK
A Mr. Bruce Richards, Hot Springs, AR
S Arthur E. Rowe, Bentonville, AR
G Mr. Henry C. Rowlan, Little Rock, AR
S Mr. Joe Saia, Helena, AR
S Mr. Ted Schwachhoffer, Muskogee, OK
S Mr. Kenneth J. Shaver, Yukon, OK
G Mrs. Marthella Shoemake,
 Nicoma Park, OK
H Mrs. Iris Smith, Hitchcock, OK
G Mrs. Joe Smith, Hot Springs, AR
A Mr. M. E. Solomon, Little Rock, AR
A Mrs. M. E. Solomon, Little Rock, AR

REGION 22 (Continued)

G Mrs. Al Spencer, Tulsa, OK
 S Mrs. Cyrus Stanley, Yukon, OK
 G Mr. L. D. Stayer, Tulsa, OK
 G Mrs. L. D. Stayer, Tulsa, OK
 S Mrs. Mike Van Meter, Oklahoma City, OK
 G Mrs. Charles L. Waltermire, Walters, OK
 S Mrs. Leo W. Whitten, No. Little Rock, AR
 G Mr. Alton E. Zimmerman, Alva, OK
 G Mrs. Alton E. Zimmerman, Alva, OK

REGION 23

G Mr. Victor G. Berner, Hobbs, NM
 G Mrs. Cheryl R. Berner, Hobbs, NM
 G Mrs. Richard Bohannon, Albuquerque, NM
 G Mr. George E. Bryant, Las Cruces, NM
 G Mrs. Robert L. Clark, Aztec, NM
 G Mrs. Milton J. Clouser, Corrales, NM
 S Mrs. George L. Doolittle,
 Albuquerque, NM
 S Mrs. Irby A. Downey, Albuquerque, NM
 A Dr. Cecil Eiffert, Roswell, NM
 G Mrs. Cecil Eiffert, Roswell, NM
 G Mrs. Roger Figge, Albuquerque, NM
 A Mrs. Everett Friedline, Albuquerque, NM
 S Mrs. Earl Gould, Albuquerque, NM
 G Margaret R. Johnson, Santa Fe, NM
 S Mr. Frank V. Kalich, Albuquerque, NM
 G Mr. Leslie Kilgore, Roswell, NM
 G Mrs. Douglas Latimer, Albuquerque, NM
 S Mrs. Bernard Lowenstein,
 Albuquerque, NM
 G *RVP Mr. James A. Mahoney,
 Albuquerque, NM

A Mrs. Charles Merrill, Roswell, NM
 G Mr. J. E. McClintock, Carlsbad, NM
 S Mrs. J. E. McClintock, Carlsbad, NM
 S Mrs. W. M. McGrath, Albuquerque, NM
 S Mrs. W. H. McKinley, Roswell, NM
 A Mr. George A. Nickel, Albuquerque, NM
 G Mrs. Francis C. O'Kelly, Albuquerque, NM
 G Mrs. L. E. Roberts, Albuquerque, NM
 G Col. G. L. Seligmann, Las Cruces, NM
 S Mr. Howard Shockey, Albuquerque, NM
 G Mrs. Howard Shockey, Albuquerque, NM
 G Mr. Robert D. Steele, Albuquerque, NM
 G Mrs. Robert D. Steele, Albuquerque, NM
 G Mrs. Walter C. White, Albuquerque, NM
 S Mr. Ernest P. Wilson, Albuquerque, NM
 G Mrs. Richard Wilson, Albuquerque, NM
 S Mrs. James R. Yocom, Albuquerque, NM

REGION 24

G Mrs. B. G. Bennett, Huntsville, AL
 G Miss Eula Birdsong, Albertville, AL
 S Mrs. Paul Frank Boon, Birmingham, AL
 S Mrs. B. W. Branum, Huntsville, AL
 G Mrs. E. G. Brown, Palmerdale, AL
 G Miss Carol Burch, Huntsville, AL
 G Mr. James G. Burch, Huntsville, AL
 G Mrs. James G. Burch, Huntsville, AL
 S Mr. B. Howard Camp, Albertville, AL
 S Mrs. B. Howard Camp, Albertville, AL
 S Mr. Carl Carpenter, Ozark, AL
 G Mr. James G. Charles, Huntsville, AL
 A Mrs. James G. Charles, Huntsville, AL
 G Mrs. Margaret Connally, Gurley, AL
 G Elton J. Cooper, Dothan, AL
 G Mrs. Thomas F. Craig, Huntsville, AL
 G Mrs. Marjorie W. Deaton, Huntsville, AL
 G Mrs. Muriel H. Easley, Huntsville, AL
 S Mrs. Lester Fanning, Madison, AL
 S Mrs. Ruth T. Fletcher, Gadsden, AL
 S Dr. L. E. Fraser, Florence, AL
 S Mrs. Floyd Garner, Albertville, AL
 G Mr. T. A. Gilliam, Huntsville, AL
 A Miss Kristen Gilliam, Huntsville, AL
 A Mrs. Robert H. Haden, Guntersville, AL
 S Dr. Marvin J. Hall, Huntsville, AL
 S Mrs. H. C. Hendricks, Pinson, AL
 S Mrs. Everett H. Hughes, Jackson, MS
 S Mrs. Hugh Johnston, Vicksburg, MS
 A Mrs. Jack Kearney, Guntersville, AL
 G *RVP Mr. Grady Kennedy, Huntsville, AL
 G Mrs. Grady Kennedy, Huntsville, AL
 S Mrs. A. I. Kuykendall, Guntersville, AL
 G Mr. J. W. Kuykendall, Jr., Oakland, MS
 G Mrs. J. W. Kuykendall, Jr., Oakland, MS
 S Mr. Joe M. Langdon, Birmingham, AL
 S Mrs. Joe M. Langdon, Birmingham, AL
 A Mrs. Ivy Lavacot, Huntsville, AL
 G Mrs. Jack H. Lucas, Huntsville, AL
 G Dr. R. D. Mansfield-Jones, Birmingham, AL
 G Mrs. R. D. Mansfield-Jones,
 Birmingham, AL
 S Mrs. Frank McCann, Jackson, MS
 G Mrs. Nelson M. McGahee, Huntsville, AL
 G Mr. James McLaren, Huntsville, AL
 G Mrs. James McLaren, Huntsville, AL
 S Miss Nan Elizabeth Miles, Birmingham, AL
 H Mrs. E. P. Miles, Birmingham, AL
 S Mr. William H. Ponder, Gadsden, AL
 G Mrs. Gertrude Price, Huntsville, AL
 H Mrs. A. K. Primos, Jackson, MS
 G Mr. Donald R. Saxton, Huntsville, AL
 G Mrs. Donald R. Saxton, Huntsville, AL

REGION 24 (Continued)

G Miss Sarah Scruggs, Guntersville, AL
S Mr. Herbert L. Sherrod, Tuscumbia, AL
S Mr. W. D. Shewmake, Greenwood, MS
S Mrs. W. D. Shewmake, Greenwood, MS
G Mrs. John Stirbis, Huntsville, AL
S Mrs. H. P. Tipton, Southaven, MS
S Mrs. R. P. Van Valkenburg, Huntsville, AL
G Mrs. A. D. Wilder, Huntsville, AL

G Dr. Gordon B. Loveridge,
New South Wales, Australia
G Mr. Robert Raabe,
New South Wales, Australia
G Mr. B. L. C. Dodsworth, Notts, England
G Dr. C. C. Hall, Herts, England
H Mr. H. R. Jeffs, Redhill Surrey, England
H Mr. F. I. L. Knowles, Kent, England
G Mr. G. H. Preston, Cambridge, England
G Miss N. K. Scopes, Herts, England
G Mr. J. D. Taylor, Gloucestershire, England
G Mon. Jean Cayeux, Gien, France
G Dr. Jean Segui, Carcassonne, France
G Dr. Bruno Muller,
Am Main, West Germany
H Mrs. Helen Von Stein-Zeppelin,
Sulzburg, West Germany
G Prof. Gian Luigi Sani, Firenze, Italy
G Flaminia Specht, Firenze, Italy
G Mr. Akira Horinaka, Osaka, Japan
G Mrs. H. E. Collins, Tauranga, New Zealand

OVERSEAS

G Mr. John O. Baldwin, Victoria, Australia
G Mr. Barry Blyth, Victoria, Australia
G Mrs. N. E. H. Caldwell, Victoria, Australia
G Mr. Leslie J. Donnell, Victoria, Australia
G Mr. Graeme Grosvenor,
New South Wales, Australia
G Mr. Alan W. Johnson, Victoria, Australia



WILD IRIS **by** **Brett Harper**

A delightful, original, new 4-color silkscreen print.
Hand pulled by the artist. 275 signed and numbered.
Size 14 1/2 x 20 1/2". \$30 plus UPS shipping.

Brett Harper, 699 Reynard Ave.,
Cincinnati, OH 45231
Telephone: 513/522-0545.

CONTRIBUTIONS TO THE AMERICAN IRIS SOCIETY FOUNDATION

April 1, 1980 to October 22, 1980

CONTRIBUTIONS IN MEMORY OF:

MRS. JAY ACKERMAN (MI)

Mr. & Mrs. Glenn F. Corlew (CA)
Mrs. C. C. Rockwell, Jr. (TX)

MRS. DUDLEY BROWNELL

Francis Scott Key Iris Soc. (MD)

DR. OTTO CAILLET (TX)

Mr. & Mrs. Leon Wolford (TX)

GRANVIL B. GABLE

Charlotte and Gus Sindt (MN)

HERBERT GRAVES (KS)

Carol Ramsey (KS)

MRS. JOHN I. MOORE (TX)

Mrs. C. C. Rockwell, Jr. (TX)
Iris Society of Dallas (TX)

LORENZO PAOLUCCI (CN)

Connecticut Iris Society (CN)
Mr. & Mrs. J. M. Shivers (CN)

LAURA M. POTTS (KS)

Carol Ramsey (KS)

VICTOR A. QUESNEL (MO)

Marie & Dave Niswonger (MO)

DR. L. F. RANDOLPH

Mr. & Mrs. Leon Wolford (TX)

D. OLEN RAWDON

Akron Area Iris Society (OH)

OTHELIA SCOVILLE (CA)

Clara B. Rees Iris Society (CA)

THEODORE SHINER (PA)

Mr. & Mrs. Paul R. Smith (PA)

RALPH STUART (KS)

Mr. & Mrs. P. A. Dickinson (KS)

Mr. & Mrs. C. T. Friedline (KS)

Robert Small (KS)

Mr. & Mrs. G. E. Torrey (KS)

WALTER E. WELCH

Northeastern Indiana Iris Society

David B. Sindt (IL)

IRA E. WOOD (NJ)

Mrs. Ira E. Wood (NJ)

EDNA YUNKER (WI)

Mr. & Mrs. Melvin Bausch (WI)

MRS. J. E. ZENOR (OK)

Oklahoma Iris Society

CONTRIBUTION FROM:

IRIS CONNOISSEURS OF MICHIGAN

Region 14—Region 15 Joint Spring Meeting

AIS members are invited to attend the first joint Region 14—Region 15, Northern California—Southern California, Spring Meeting and Garden Tours.

Place—Fresno California

Fresno Holiday Inn and local gardens

Dates—April 24-25, 1981

Host—Fresno Iris Society

For details contact:

Philip N. Smith
8290 Academy Ave.
Clovis, California 93612

or:

Payson Vucovich
15731 Fargo Ave.
Hanford, California 93230

MINUTES OF THE BOARD OF DIRECTORS MEETING

Dunfey Dallas Hotel, Dallas, Texas

October 31, November 1 & 2, 1980

The regular fall meeting of the Board of Directors of the American Iris Society was called to order at 8:30 p.m. Friday, October 31, 1980 by President Wolford with the following in attendance: President-elect Stahly; Secretary Ramsey; Membership Secretary Mullin; Editor Dasch; Directors Corlew, Owen, Rasmussen, Rockwell and Wadekamper; Directors-elect Burch and Ensminger; Librarian and Director-elect Howard; Registrar Nelson; Public Relations Chairman Rice; RVPs Wade (17), Niswonger (18) and B. Rhodes (22); RVP-elect Nichols (17); Section Representative Caillet (LISA); members Anning, Dunn and Holloway (14), Lawler (17), Pettijohn (21), Dyer, Heathcock, D. Rhodes, J. Stayer and L. Stayer (22), C. Burch (24); and guest Darryl Trott.

The reading of the minutes of the previous meeting in Tulsa, Oklahoma, April 29 & 30, 1980, as printed in *AIS BULLETIN* No. 238, was dispensed with. Ramsey moved, Rockwell seconded, to correct the minutes on page 52, paragraph 8, lines 11-13, item 2) commercial directory rates, to read: "one inch - \$30, two inches - \$40, three inches - \$50." Motion passed. Owen moved, Rockwell seconded, to correct page 53 by deleting paragraph 8 in its entirety and substituting the following paragraph: "The Secretary announced that Rasmussen had been unanimously renominated; and that a written ballot had been ordered for the remaining three positions with the following results: Howard - 11, Burch - 8, Ensminger - 8, Edinger - 4, Harder - 2. Therefore, Burch, Ensminger, Howard and Rasmussen were nominated for AIS Directors with terms expiring in 1983." Motion passed. There being no objection, the minutes stood approved as corrected.

The President directed the Secretary to have the minutes reflect interim Board actions by mail ballots: 1) That the River Farm project and committee had been duly recommended and approved, Celeste Cox, Dennis Wilkie, and Claire Barr, Chairman; and 2) that continuation of the present *BULLETIN* contracts for one additional issue was duly recommended and approved, allowing therefore extension of the contracts through the January 1981 issue.

Reporting on the election of Board members, Secretary Ramsey advised that Burch, Ensminger, Howard and Rasmussen had been duly elected and qualified as AIS Directors with terms expiring in 1983.

President Wolford announced that the British Iris Society had nominated Dr. C. C. Hall to receive the 1980 Hybridizers Medal awarded by the AIS. Wadekamper moved, Corlew seconded, to accept the recommendation of the BIS. Motion passed.

Reporting on activities in the Secretary's office, Ramsey advised that procedural changes had been made in transmitting Section dues so that the Sections receive their dues as they come in rather than quarterly, and that this change had been well received; that because of inflation, the base amount in the Secretary's account had been increased to \$1500; that presentation cases had been purchased for the Hybridizer's Medals; and that responses to the publicity in *Sunset* magazine had been excellent. Ramsey asked the Board's direction concerning retention of service

contracts on the AIS-owned typewriters. Howard moved, Rockwell seconded, to keep service contracts on the typewriters in the offices of the Membership Secretary and Registrar, and discontinue the one on the Secretary's typewriter. Motion passed.

Ramsey read a letter from M. V. Meehan, Chevron Chemical Company, concerning plans for a new book, *The Ortho Problem Solver*, about home gardening problems, and requesting our assistance with the iris portion of the project. The Board reacted favorably and referred the matter to the Scientific Committee for action.

Membership Secretary Mullin reported on the duties of his office and discussed a comprehensive guidelines and fact sheet which has been sent to all RVPs. Mullin reported that as of September 30, 1980, total AIS membership was 6507, an increase of 488 since September 30, 1979, again showing Region 18 with the largest membership, followed by Regions 22, 6, 15, 21, 7, 14 and 17. States with the greatest membership are California, Texas, Oklahoma, Tennessee, Missouri, Kansas, Nebraska and Michigan. Mullin further advised that the British Iris Society had asked for an additional AIS reciprocal membership. Corlew moved, Burch seconded, that the Board approve one additional AIS reciprocal membership for the BIS for a total of seven, and designate the AIS Editor as recipient of the additional BIS membership. Motion passed.

For Treasurer Kegerise, the financial report for the fiscal year ending September 30, 1980, and the proposed 1980-81 budget were distributed. The Board agreed to delay consideration of the reports until later in the meeting.

Stahly reported on Kegerise's findings regarding the tax status of the AIS, and that a change in status could be sought. Burch moved, Owen seconded, to instruct the Treasurer to proceed without delay to obtain tax status under Section 501 (c) (3) of the IRS Code, and to consult an attorney if necessary with expenses subject to the approval of the Executive Committee. Motion passed.

Editor Dasch presented her study of the framework of *BULLETIN* organization, with comprehensive job descriptions of *BULLETIN* staff positions, and her recommendations for additional staff. Detailed bids from five printing companies for *BULLETIN* production were distributed to the Board. To afford the necessary time to study the proposals, Rockwell moved, Corlew seconded, to take up the question of awarding the *BULLETIN* contract at the next Board session. Motion carried.

Advertising Editor Nelson advised that fiscal 1980 Bulletin advertising income was \$9,863, and discussed some of the problems in arranging for an producing *BULLETIN* advertising.

The meeting recessed at 10:30 p.m. Friday, and reconvened at 9:00 a.m. Saturday, November 1.

The Board enthusiastically received Darryl Trott, Lafayette, Louisiana, who displayed samples of his watercolors and discussed the possibilities of working with the AIS to produce limited edition and other prints. Corlew moved, Stahly seconded, that a committee be established to work with Mr. Trott to determine the advisability of producing iris prints and a financial arrangement with the AIS. Motion passed. Wolford appointed Dasch, Rasmussen, and Richard Goula, Chairman. Corlew moved, Rockwell seconded, to approve the appointments. Motion passed.

After further consideration of the *BULLETIN* contract bids, Rasmussen moved, Wadekamper seconded, to award the entire contract (for mechanicals and printing) to Williams Printing Company, Nashville, Tennessee, for one year, the April 1981 through January 1982 issues. Motion passed.

Responding to the Editor's recommendation, Stahly moved, Burch seconded, that the Board authorize two additional non-salaried *BULLETIN* staff positions, an Associate Editor in charge of organizational material and a Photo Editor, with appointments subject to Board approval. Motion passed.

Following discussion of the fiscal 1979-80 financial report, Stahly moved, Burch seconded, to approve the report of the Treasurer with publication in the *BULLETIN* authorized. Motion passed.

Registrar Nelson, reporting on the status of the *1970-79 Checklist*, estimated completion of copy sometime after the first of the year, and submitted bids for printing the book. Mullin moved, Howard seconded, that Livestock Press, Inc., Omaha, Nebraska, be awarded the contract for printing the *1970-79 Checklist*. Motion passed. Stahly moved, Corlew seconded, that the price of the book be set at \$10.00, postpaid. Motion passed. Ramsey moved, Burch seconded, to authorize the Executive Committee to negotiate with the AIS Foundation for sums required, if any, to complete production of the book. Motion passed. The Board agreed that the *1970-79 Checklist* should not be advertised for sale in the *BULLETIN* until available for shipping.

Corlew suggested that a complete listing of the Past Presidents of the AIS, including year in office, a complete listing of the American Dykes Medal irises, including year of award and hybridizer, a complete listing of the recipients of the Distinguished Service Medal, the Hybridizer's Medal and the AIS Gold Medal, with years awarded, be published as part of the *1970-79 Checklist*, and so moved. Burch seconded, motion carried.

Nelson reported that for the year 486 registrations were completed by 146 registrants, including 60 from 24 foreign registrants, and that 469 introductions were recorded. Nelson advised that the *1980 Registrations and Introductions* would be ready shortly after the first of the year. Rasmussen moved, Rockwell seconded, to authorize the printing of 750 copies to be sold at \$3.50, postpaid. Motion passed.

Librarian Howard advised that sales of publications for the fiscal year ending September 30 had amounted to slightly in excess of \$9,000, and distributed copies of the "inventory as of the same date. Howard suggested that a title other than Librarian should be considered to better describe her duties, and asked for suggestions. The Board agreed that Librarian did not properly describe the position, and that the matter would be taken under advisement and a decision made at the St. Louis Board meeting.

Affiliates Chairman Owen reported on the status of the AIS Affiliates and that closer checking is being done to ascertain qualifications, and offered a sample of an "Application for Affiliation" to assist local groups and RVPs, and moved, Corlew seconding, that the Affiliates Chairman be authorized on an experimental basis to

prepare an "Application for Affiliation" and "Notice of Affiliation" to be distributed to RVPs and current Affiliates. Motion passed. Owen asked for Board authority to clear her files of outdated material. Howard moved, Burch seconded, to authorize the Affiliate Chairman to destroy correspondence and records prior to 1975. Motion passed.

For Awards Chairman Waite, Ramsey presented the Awards report and recommendations; That 971 ballots were mailed with 743 returned by the July 10 deadline, with 125 members requesting advance reports; that HC and HM certificates had been distributed; that the Symposium results were completed with Regions 13 and 16 having failed to report, and will appear in the January 1981 *BULLETIN*; and that recognition of the Ira Wood Medal should be made official; and changes made in the standard dwarf Awards of Merit. Wadekamper moved, Rockwell seconded, that the AIS officially recognize the Ira Wood Medal given to recipients of the Morgan Award. Motion passed. Ensminger moved, Mullin seconded, that the number of Awards of Merit for standard dwarf bearded irises be increased from three to four, the number of votes required to receive the award be increased from 25 to 35, and the votes allowed in the category be increased from three to four. Motion passed.

Convention Liaison Chairman Stahly distributed copies of the tentative schedule for the St. Louis convention, May 12-16, 1981. The dates of the 1983 Boston convention will be June 4-9, 1983. Regarding an inquiry concerning on what day of the week a convention should begin, the Board agreed that it is up to the local convention committee to set the dates.

The meeting recessed at 12 noon Saturday, and reconvened at 1:39 p.m. the same day.

Exhibitions Chairman Corlew reported that the full Exhibitions report will appear in the January 1981 *BULLETIN*, that MARY FRANCES was the winner of the Nelson Award, and that 138 show schedules had been approved, with five cancelled and two disqualified for a total of 131 AIS-approved shows in 1980. Burch moved, Stahly seconded, to approve the show supplies schedule as listed in the October 1980 *BULLETIN*. Motion passed. Regarding the disqualified shows, Ramsey moved, Rockwell seconded, to approve the actions of the Exhibitions Chairman in disqualifying the two 1980 shows of the Desert Iris Society for AIS Awards because the shows were not in compliance with AIS rules. Motion passed. Ramsey moved, Howard seconded, that because the Desert Iris Society is not in compliance with item 3 of the requirements for affiliation, the affiliate status of the Desert Iris Society be referred to the Affiliates Chairman for disposition. Motion passed.

For Foundation Liaison Chairman Harvey, Wolford reported that the \$10,000 loan to the AIS for *The World of Irises* has been paid in full.

Wolford distributed Historical Chairman Harder's report which outlined new acquisitions, requested copies of articles on irises appearing in miscellaneous publications, and advised that the collection of AIS Medals has been placed in a safe deposit box.

Judges and Judges Training Chairman Rockwell recommended that, having been duly nominated, the following be named Honorary Judges:

Ben Hager, Stockton, California

William T. Hirsch, Malvern Pennsylvania

Bennett C. Jones, Portland, Oregon

Mullin moved, Wadekamper seconded, that the recommendation be approved. Motion carried unanimously.

Rockwell advised that the RVP of Region 13 had failed to submit judges recommendations for 1981; that in order to not penalize that Region's judges, she was recommending that those judges approved last year in Region 13 be retained at the same status, except for one new Honorary Judge, one new Senior Judge and one judge dropped for failure to vote; and that the list of Region 13 judges not be carried in the *BULLETIN*, noting instead the RVP's failure to report. Burch moved, Mullin seconded, to approve the recommendations. Motion passed. Continuing, Rockwell reported on judges activities, training and performance in 1980, convention training sessions planned for St. Louis, and recommended for 1981:

- 1) The approval of the following as Senior Judges:

Mrs. James W. Alexander, Lexington, Kentucky

Mrs. August Bellagamba, Bridgeton, Missouri

Mrs. J. P. Crawford, Oklahoma City, Oklahoma

Mrs. Lester Fanning, Madison, Alabama

Mrs. C. L. Fondoble, Washburn, Missouri

Mrs. Charles R. Foster, Vista, California

Mr. Thomas W. F. Foster, Sonoma, California

Dr. Marvin J. Hall, Huntsville, Alabama

Mr. Larry Harder, Ponca, Nebraska

Mrs. Alva J. Hickerson, Tulsa, Oklahoma

Mrs. Mary N. Hoskins, Bakersfield, California

Mrs. Lila Howland, Morrice, Michigan

Mrs. B. F. Martin, Columbia, South Carolina

Mr. James Mason, La Grange Park, Illinois

Mr. Henry Rabe, Fort Mitchell, Kentucky

Mr. Jose C. Rivera, Vista, California

Mrs. Beulah Robinson, Kirkland, Washington

Mr. Mark E. Rogers, Yucaipa, California

Mrs. R. G. Ross, Jr., Memphis, Tennessee

Mr. Joe Saia, Helena, Arkansas

Mr. John M. Thompson, Springfield, Illinois

Mrs. W. R. Walters, Great Falls, Montana

Mrs. Henry J. Willinbrink, Louisville, Kentucky

- 2) The approval of the 1981 Roster of Judges with publication in the January 1981 *BULLETIN* authorized, with the exception of the Region 13 list of judges as noted above. Ramsey moved, Mullin seconded, to approve the recommendations for 1981. Motion passed.

Responding to a concern in Region 7 concerning denial of a judgeship, the Board again reaffirmed its long established and often stated policy that to be appointed a judge, a member must have a record of three years continuous membership in the AIS immediately prior to appointment. After weighing all the facts in the particular case, Stahly moved, Corlew seconded, that the Board, having reviewed the membership records of the Region 7 member in question, finds no evidence that the Society's membership records are in error and affirms the decision in denying judgeship on continuous membership grounds. Motion passed.

Membership Contest Chairman Burch recommended that the Membership Contest Trophy base be retired to the custody of the Historical Committee, be replaced with a keeper plaque, and so moved. Rockwell seconded, motion carried. Membership Contest rules for 1981 were recommended with the following changes: That individuals participating in the campaign and the number of new members obtained be listed in each *BULLETIN*; that names of new members not be listed; that rule 1 be changed to read "*Dues payment should immediately be sent directly to AIS Membership Secretary Ron Mullin*, with notice of each new member sent to the RVP (or Regional Membership Chairman) within one week after it is secured"; that rule 3 be changed to read "the RVP (or Regional Membership Chairman) must submit new membership information to the AIS Membership Chairman no later than the *seventh day of January, April, July and October*"; that rule 7 be changed to read "New memberships received by the Membership Secretary *after January 7, 1982* will not be counted." Burch moved, Ensminger seconded, to approve the 1981 rules, with publication in the *BULLETIN* authorized. Motion passed.

Public Relations Chairman Rice commented on the excellent publicity irises have received this past year and asked that copies of all non-AIS publicity be forwarded to her. Reviewing plans for the new book to replace *What Every Iris Grower Should Know*, Rice outlined plans for *Irises*, an 8½" X 5½" booklet of approximately 25 pages, with color cover and liberal use of color throughout, to be aimed at those seeing irises for the first time, with major emphasis on the iris, some space devoted to the AIS, and nothing to cause the book to become dated. Ideas about distribution through advertising, bookstores and garden clubs, pricing and discounts, were presented for the Board's consideration. The Board enthusiastically approved the report.

Responding to a request from Burch for assistance in promoting local advertising, the Board approved a suggestion that Chairman Rice set up an ad for the use of Regions, local societies and interested members for use in local publications.

RVP Counsellor Stahly suggested that a need may exist for some restrictions in the selection of RVPs, and moved, Wadekamper seconding, to refer the matter to the incoming RVP Counsellor to take to the Board of Counsellors for advice and recommendations, and report back to the Board at the St. Louis meeting. Motion passed.

Scientific Committee Chairman Wadekamper reported on the Committee's recommendation regarding the earlier suggestion of placing the Scientific Committee under the direction of the AIS Foundation: That the AIS and the AISF are

separate and different legal corporations with separate governing bodies; that because of this, and IRS tax considerations, the AIS cannot transfer one of its committees to the AISF; that it is appropriate, however, for the Scientific Committee to screen proposals of a scientific nature and recommend any which are considered worthy to the AISF Trustees for possible funding; that it would seem logical that the Trustees might look more favorably on a proposal that had the recommendation of the AIS Scientific Committee than they would on a proposal that had not been so evaluated, or had been evaluated and turned down; that in any case the AISF Trustees would have the final say as to what project received how much money; and that the AIS and the AISF may, and should, cooperate but must maintain their own legal identities. Wadekamper moved, Corlew seconded, adoption of the policy. Motion passed.

Additionally, Wadekamper reported the committee's unanimous recommendation for funding in the amount of \$1200 of Dr. Homer Metcalf's project for a compilation of all published chromosome counts for *Iris* species. Corlew moved, Rockwell seconded, to accept the recommendation for a \$1200 grant for Dr. Metcalf's project. Motion passed.

Section Liaison Chairman Rasmussen advised that the Board of the Aril Society International had responded, approved and preferred the idea of a Society cooperating with the AIS, and had made some suggestions for working out such a plan. Rasmussen therefore proposed that the Aril Society International be listed with the Sections as a "Cooperating Society", such listing to include the name of the president of the ASI, and that as a basis for this cooperation, the following will be agreed on:

- 1) The ASI will continue to participate in the awards and registrations procedures through the AIS.
- 2) The ASI will continue to sponsor shows following AIS rules.
- 3) The AIS will provide meeting space and scheduled time at national conventions, the same as for Sections.
- 4) Publications of the two societies will be exchanged. The ASI will appoint a reporter for the AIS *BULLETIN*.

Burch moved, Rockwell seconded, to accept the recommendation of Chairman Rasmussen, with implementation subject to approval by the Aril Society International. Motion passed.

For Slides Chairman Nearpass, Ramsey reported on new slide programs now in use, revisions and updates, and expressed thanks for generous contributions of slides. Dr. Nearpass pointed out that, although self supporting, the Slides Committee is rapidly approaching the point of no longer being self supporting, and that this may be due to greater use by affiliates.

Ramsey asked the Board to reconsider a matter that had been brought up briefly at the Tulsa Board meeting to discontinue the use of the Regional Test Garden (RTG) Award. Following discussion, Burch moved, Corlew seconded, to eliminate the Regional Test Garden Award and the use of codes in Regional Test Gardens, and to use the High Commendation (HC) Award for seedlings under name or seedling

number in Regional Test Gardens. Motion passed.

For Chairman Copeland, Special Committee on Youth Show Awards, Corlew reported that the AIS Youth Show Medal will be a smaller version of the AIS Show Medal, that the difference is just 1 3/4" vs. 2" but the size difference quite noticeable, that a favorable bid on the dies has been received from our show medal supplier, and that funds collected for the purpose appear to cover this cost plus a generous initial supply of the medals. Corlew then submitted both a majority and minority committee report on rules covering Youth Show Medals, the difference being a minority view that only a bronze medal should be initially authorized. Burch moved, Ensminger seconded, to adopt the majority report. Ramsey moved, Stahly seconded, to amend item 4 of the majority report, to eliminate free Youth Medals for Affiliates because this is a violation of the AIS rules which allow only one set of free medals per Affiliate. Motion to amend passed. Original motion, as amended, passed. Amended majority report as approved reads:

- 1) That the AIS make a Silver and Bronze Medal available to the winners in the Youth Division of AIS-approved shows, the medals to be of a noticeably smaller size, but otherwise identical to the AIS show medals.
- 2) That Silver and Bronze Medal Certificates also be awarded.
- 3) That there must be a minimum of three exhibitors, ten classes (or cultivars) and 15 entries in the Youth Division to qualify a show for Medals.
- 4) That Show Committees may purchase Youth Show Medals at a price determined each year.
- 5) That the results of the Youth Division be published in the AIS *BULLETIN* along with the regular Exhibition Committee report.

For Chairman Barr, Special River Farms Committee, Wolford reported that response from hybridizers was so overwhelming that donations had to be limited; that three 20' x 4' beds have been planted in the River Farms "Idea Garden", with plans for future plantings of Siberians and Louisianas. It was noted that River Farm is the location of the headquarters of the American Horticultural Society, overlooking the Potomac near Washington, D.C., and on a portion of George Washington's Mount Vernon estate. An early *BULLETIN* article is planned.

Rockwell, Chairman of the Special Committee on the Judges Handbook, reported that Handbook authors have been assigned, some chapter drafts are in, and the project is proceeding on schedule. Rockwell recommended a change in the AIS Judges Training Guidelines, that instead of being optional, Activity Reports will be *required* in all Regions. Burch moved, Ramsey seconded, to approve the recommendation. Motion passed.

A discussion ensued concerning the differences in requirements for judges training among the various Regions. The Board reaffirmed its previously stated policy that "the Judges Training Guidelines are intended as minimum requirements and that the Regions are encouraged to adapt the Guidelines upward to their own training needs as is determined necessary." (Minutes, Omaha Board meeting, November 3-5, 1972, *BULLETIN* No. 208). To further affirm this position and provide support to those Regions which have requirements greater than those of the AIS, Burch

moved, Mullin seconded, that any Region Judges Training Guidelines which have requirements beyond the minimum required by the AIS will be recognized and adhered to by the AIS. Motion passed.

President Wolford announced that with the conclusion of all committee reports, the next order of business was the election of officers and that he was therefore vacating the chair in favor of President-elect Stahly, and President Stahly assumed the chair.

Corlew moved, Mullin seconded, a resolution of gratitude to Mr. Wolford for his leadership during the past three years. Motion passed unanimously.

The meeting recessed at 5:15 p.m. Saturday, and reconvened at 9:20 p.m. the same day.

President Stahly called for nominations, and advised that Second Vice President Harvey has asked that, because of extraordinary business responsibilities, his name not be placed in nomination.

For First Vice President, Rockwell moved to nominate Mullin. Wolford moved, Owen seconded, to close the nominations. Motion passed, and Mullin was elected First Vice President.

For Second Vice President, Owen moved to nominate Rasmussen; Wadekamper moved to nominate Corlew. Burch moved, Rockwell seconded, that nominations cease. Motion passed. A written ballot was requested and it was so ordered. Stahly appointed J. Strayer, Anning and Holloway to count the ballots and report back.

For Secretary, Wolford moved to nominate Ramsey. Howard moved, Corlew seconded that nominations cease. Motion passed and Ramsey was elected Secretary.

For Treasurer, Owen moved to nominate Kegerise. Corlew moved, Wolford seconded, that nominations cease. Motion passed and Kegerise was elected Treasurer.

The counting committee having reported, Stahly announced that by a 7-4 vote, with one vote disqualified, Rasmussen was elected Second Vice President.

For Editor, Mullin moved to nominate Dasch. Ramsey moved, Owen seconded, to close the nominations. Motion passed and Dasch was elected Editor.

Ramsey moved, Burch seconded, the standard banking resolutions for new officers. There being no objection, the resolutions stood approved.

President Stahly presented the report of the Honorary Awards Committee, Marion Walker, Chairman. Owen moved, Howard seconded, to approve the recommendation of Honorary Awards Committee, Marion Walker, Chairman. Owen moved, Howard seconded, to approve the recommendation of the Honorary Awards Committee to award the Distinguished Service Medal to Keith Keppel, Kenneth Waite and Leon Wolford. Motion passed unanimously. Mullin moved, Rasmussen seconded, to approve the recommendation that Joseph Gatty be awarded the Hybridizer's Medal. Motion passed unanimously.

Stahly reported Walker's recommendation that the next Honorary Awards Committee work on setting up criteria for awarding the Hybridizer's Medal. There being no objection, the recommendation stood approved.

Stahly submitted his presidential appointments and requested individual consideration and approval:

Registrar—Kay Nelson. Mullin moved, Wadekamper seconded, to approve the appointment. Motion passed.

Membership Secretary—Ronald Mullin. Howard moved, Wolford seconded, to approve the appointment. Motion passed.

Librarian—Dorothy Howard. Mullin moved, Owen seconded, to approve the appointment. Motion passed.

Advertising Editor—Kay Nelson. Wolford moved, Mullin seconded, to approve the appointment. Motion passed.

Managing Editor—Phil Williams. Wolford moved, Mullin seconded, to approve the appointment. Motion passed.

Associate Editor—Phil Edinger. Ramsey moved, Howard seconded, to approve the appointment. Motion passed.

Stahly announced the following appointments for committee chairmen:

Affiliates	Archie Owen
Awards	Kenneth Waite
Convention Liaison	Jimmy Burch, all RVPs
Exhibitions	Glenn Corlew
Foundation Liaison	John Harvey
Historical	Larry Harder
Honorary Awards	Leon Wolford
Judges & Judges Training	Ellene Rockwell
Membership Contest	E. W. Lawler
Public Relations	Olive Rice
Registrations	Keith Keppel
Robins	Jeane Stayer
RVP Counsellor	Allan Ensminger
Scientific	Julius Wadekamper
Section Liaison	James Rasmussen
Slides	D. C. Nearpass
Test Gardens	Bennett Jones
Youth	Maryann Anning

Wadekamper moved, Rockwell seconded, to approve the appointments. Motions passed.

Stahly presented the names of those who had been duly nominated by their respective regions for Regional Vice President. For appointment as new Regional Vice Presidents.

- Region 1 - Clayton H. Sacks, West Neck Rd., Box 70, Nobleboro, ME 04555
- Region 2 - Greg M. Schifferli, 1211 McKinley Pkwy., Lackawanna, NY 14218
- Region 4 - Claire B. Barr, 1910 Greenspring Valley Rd., Stevenson, MD 21153
- Region 5 - Rev. Everette L. Lineberger, Route 6, Box 300, Inman, SC 29349
- Region 17 - Louise Nichols, 2703 S. Harrison, Amarillo, TX 79109

Region 19 - Dave Silverberg, 26 Spring Hill Dr., Howell, NJ 07731
Region 21 - Leonard J. Michel, 420 Hilltop Rd., Ames, IA 50010
Region 23 - James A. Mahoney, 704 Jefferson, N.E., Albuquerque, NM 87110

Wolford moved, Mullin seconded, to approve the appointments. Motion passed. For reappointment, having served one or two years:

Region 3 - Paul R. Smith	Region 14 - John Weiler
Region 6 - James Copeland	Region 15 - Janice Chesnik
Region 7 - H. C. Mohr	Region 16 - John McMillen
Region 8 - W. A. Machulak	Region 18 - Dave Niswonger
Region 9 - Rita Kinsella	Region 20 - Jack Durrance
Region 10 - Richard Goula	Region 22 - Burdella Rhodes
Region 11 - David Durnford	Region 24 - Grady Kennedy
Region 12 - Keith Wagstaff	

Corlew moved, Owen seconded, to approve the appointments. Motion passed

Separately considering the Region 13 nomination for Regional Vice President, Rockwell moved, Burch seconded, to *not* accept the nominee for RVP of Region 13, and ask J. T. Aiken to become Acting RVP of Region 13. Motion passed. The Board agreed that President Stahly should notify Region 13 of the Board's action.

The meeting recessed at 10:20 p.m. Saturday, and reconvened at 9:05 a.m. Sunday, November 2.

Owen moved, Ramsey seconded, that Mrs. L. F. Randolph be awarded an Honorary Life Membership in the American Iris Society. Motion passed unanimously.

Concerning the Youth Award Certificate which is awarded to runners-up for the Youth Achievement Award, Burch moved, Rockwell seconded that the certificate be reworded to indicate "honored for youth achievement". Motion passed. Wolford moved, Burch seconded, that new certificates be prepared with the preferred wording. Motion passed.

Ramsey suggested that for better publicity, the Symposium or "Popularity Poll" should bear the date of the year published, not the year polled. Burch moved, Rockwell seconded, that effective with publication of the Symposium in the January 1981 *BULLETIN*, the Symposium should have the same date (i.e. "1981 Symposium"). Motion passed. In response to a suggestion from Editor Dasch, the Board agreed that a notation should appear in the *BULLETIN* so that members will understand the "disappearance" of the 1980 poll.

Wolford read a letter from the Tulsa Area Iris Society inviting the Board to hold its annual fall meeting in Tulsa, November 6-8, 1981, and moved to accept the invitation. Rasmussen seconded, motion passed.

Ramsey read a letter from the Huntsville Chapter of the AIS, Ruth Wilder, President, inviting the Board to hold its annual fall meeting in Huntsville in 1981 or 1982. Wadekamper moved, Corlew seconded, to instruct the Secretary to acknowledge the invitation, state that the 1981 date is not available, and that the Board wishes to defer a decision for 1982 because it is too early for official action. Motion passed.

For Kegerise, Stahly conducted a review of the 1980-81 fiscal year budget. After careful study, Ramsey moved, Wadekamper seconded, to approve the 1980-81 budget as revised. Motion passed. It was noted that salaries budgeted are: Editor - \$2400; Advertising Editor - \$2250; Registrar - \$2550; Membership Secretary - not funded because the position is presently held by a voting member of the Board.

Owen moved, Wolford seconded, that the AIS dues be raised on a \$10.00 single annual rate with corresponding rate structure for other classes. Motion defeated.

Corlew moved, Ramsey seconded, that the raise in dues, based on a \$9.50 single annual dues structure, as approved at the Tulsa meeting, be approved. Motion passed.

Ramsey moved, Owen seconded, that in line with the dues raise the price of AIS *BULLETINS* be increased to \$3.00 for the current *BULLETIN* and \$2.50 for past issues, except as specifically noted, and that "current *BULLETIN*" be defined as the most recently published issue. Motion passed.

Stahly pointed out that the Honorary Awards Committee is made up of all past presidents of the AIS plus three other members who have won the DSM. To fill those positions, Stahly appointed Melba Hamblen, Bennett Jones and Bee Warburton. Corlew moved, Howard seconded, to approve the appointments. Motion passed.

Rockwell moved, Ensminger seconded, to extend the availability of the unused portion of last year's budget for the Judges Handbook Committee. Motion passed.

President Stahly thanked the members of the Iris Society of Dallas for hosting the fall Board meeting, for the excellent accommodations and their warm hospitality.

There being no further business, the meeting adjourned at 11:10 a.m. Sunday, November 2, 1980.

CAROL RAMSEY, Secretary



1981 INTRODUCTION

BRIGHT SPIRIT—TB, 37", M. Beautifully proportioned, bright light lemon self. Ruffled, with fine picotee edging on all petals. Never sun fades. Vigorous and increases well. In five St. Louis Gardens . . \$25.00

MARGIE ROBINSON

558 N. Stratford Road

Wichita, Kansas 67206

GATTY-KEPPEL INTRODUCTIONS
for 1981
Tall Bearded

BROADWAY (Keppel) EM 34" (((Irma Melrose x Tea Apron) x ((Full Circle x Rococo) x Tea Apron)) x April Melody) x Caramba) X Flamenco) By far, the most spectacular variegata-plicata we have yet seen. Dark, deep gold standards top ivory white falls that are broadly banded with red brown. Large flowers, with average to good branching—but always a showstopper. We predict a long run for this production.
 #75-103D \$25.00

CASBAH (Keppel) M 36" (Flamenco sib 71-12D X sib 71-12C) Variegata-fancy, with soft, pale golden tan standards and deeper veining. White ground color of falls is almost completely veiled with light violet, then rimmed with a $\frac{1}{4}$ " band of reddish violet. Lavender white beards, light yellow in throat. The touching standards are held over heavily ruffled, very flared falls. Well branched, good bud count. #74-42D \$25.00

GODDESS (Keppel) E 35" (((Irma Melrose x Tea Apron) x ((Full Circle x Rococo) x Tea Apron)) x Apricot Blaze) X ((F2- ((Irma Melrose x Tea Apron) x ((Full Circle x Rococo) x Tea Apron))) x Osage Buff) Swirled and ruffled standards top ruffled and lightly arched falls with pleated hafts. Flawless complexion of pale peaches and cream, with ivory falls blushed deeper peach on the hafts. Ivory cream beards becoming tangerine peach in throat. Two or three branches, plus terminal. The first recessive from plic breeding we have introduced. #76-120K \$25.00

NEFERTITI (Gatty) M 34" (Louise Watts X Loudoun Charmer) The beautiful one. Pastel floral regality, with soft creamy pink standards infused orchid when fresh. Soft orchid falls age to lilac white, leaving a mauve marginal band and soft texturing of veins. Beards white at tip, soft tangerine orange in throat. Standards lightly open, but touching; falls flared, waved and ruffled. Two or three branches plus terminal, about seven buds. #G77-1 \$35.00

SCOTCH BLEND (Gatty) M 36" ((May Dancer x Princess) X White Lighting) Soft, smooth, ruffled greenish tan standards sit atop ruffled and semi-flaring light tan falls suffused yellow. The color effect is both subtle and pleasing. Well branched, with 7 to 9 bud count, and at times with a very faint hint of lacing. A surprisingly beautiful byproduct of breeding aimed at pinks #H9-2A \$25.00

SYMMETRY (Gatty) ML 37" (Valentina X (Pink Sleigh x Liz)) Large, strongly flared and heavily ruffled white with orange-red beards tipped white. Beautiful form. Lovely in the garden and imposing on the show bench. #G31-1 \$25.00

THEATRE (Keppel) EM 34" (sib to Broadway) A neglecta plicata done in cool, subdued tones. Soft vervain violet standards; purple heather fall markings applied in a dotted to washed pattern, with the white ground showing toward the center of the flower. White beards, lemon in throat. Beautiful wide, full and ruffled form. #75-103C \$25.00

VILLAIN (Keppel) L 35" (Dusky Dancer X ((Montage sib x Happy Ending) x Ghio 67-20W: pollen parent of Dialogue)) A sinister looking bicolor to end the season. Olive standards with a faint lavender line up in the midrib; dark reddish-toned purple falls. Mustard beards. Ruffled, with strongly flared falls. An attention-getting novelty. #75-54A \$20.00

Intermediate

DANCING CLOUDS (Gatty) E 22" (sib to Rare Edition) Standards soft lavender blue, almost solidly colored, with slight white speckling in the center. White falls carry a $\frac{1}{4}$ " band to match the standards. Blue white beards. #G4-1 \$10.00

LIEBLING (Gatty) L 25" (sib to Short Distance) Reminiscent of the tall bearded Flair, this darling has upright to slightly reflexed standards and arched falls. Blue white standards have a violet flush up the midrib; falls are cool white. Beards white, tipped yellow. #G8-4 \$10.00

KEITH KEPPEL
P.O. BOX 8173
STOCKTON, CALIFORNIA 95208

Catalogue on request

From MISSION BELL GARDENS for 1981

All Hamblen varieties.



Tall Bearded

CAPRICIOUS. 34", ML. Tangerine bearded bicolor plicata. Lightly ruffled, domed standards of salmon pink; ruffled flaring falls of creamy white, dotted and stippled with raspberry-violet. Large, wide-petaled flowers well spaced on strong stalks. (Betty Simon plic sib x B. Simon plic sib) X Porta Villa. HC '80. #H75-105G . . Net \$25.00

CORAL SATIN. 32", ML. Smooth, heavily substanced coral self with center of standards flushed pink; bushy orange-red beards. Beautifully fashioned blossoms, evenly spaced on sturdy stems. (Star Spangled x Saffron Robe) X Love Sonnet. HC '80. #H74-9A Net \$25.00

ORANGE STAR. 30", ML. Brilliant persimmon orange self with wide burnt orange beards. Domed standards and flaring falls, heavily laced and ruffled. Show-type stalks—for the late show. (Yellow and white Azure Gold sib x ((yellow Valimar sib x June's Sister) x Tomeco)) X Hilight. HC '80. #H74-43A Net \$25.00

RON. 36", M. Large, lustrous violet-blue self. Broad, ruffled petals, domed standards, arched and flaring falls. Beards appear to be turquoise, an effect caused by subtle blending of yellow and blue hairs. Lacy style crests also show some turquoise. Strong stems, ideal bud placement. (Silent Majesty X Neptune's Pool). HC '80. #H74-79F. Named in honor of our good friend, Ron Mullin Net \$25.00

LOVELY KAY (1979). Named to honor our dear friend, Kay Nelson Net \$22.50

Border Bearded

BLOND ANGEL. 22", ML. Petite cream self of superb form and substance. Cupped standards edged with light yellow; horizontally flaring falls with deeper yellow hafts. Light tipped yellow-orange beards. Excellent branching and bud count. (A recessive from dark blue-violet Valley West sib X Caramba). HC '80. #H74-63-1 Net \$15.00

*Free catalog listing more than 500 varieties
available May 1.*

Jim and Melba Hamblen

2778 West 5600 South

Roy, Utah 84067

**1981 Introductions by
NATHAN & THELMA RUDOLPH**

RUFFLED SURPRISE—Sdlg. 77-20: 73-39 X Chartreuse Ruffles. TB, 32", E. Ruffled, upright standards are light purple at base, blending to yellow at top. Wide, round, flaring falls are off-white with pale lavender veining and wide chartreuse-banded edge. Lavender-blue beards. The wide purple and yellow styles are heavily laced and ruffled. Quite fragrant. Five branches with six or more buds. Plant habits are excellent and quite vigorous. Fertile both ways. HC '78 \$25.00

LAVENDER RIBBON—Sdlg. 76-31X: 73-38 X 73-31. TB, 32", M. The ruffled, round and domed standards are lilac-pink. Wide, ruffled, round and horizontal falls are lilac-pink with a lavender streak at center. Wide lilac-pink styles. Light lavender-tipped beards. Five branches with seven or more buds. Excellent plant habits. Fertile both ways. HC '78 \$25.00

GOLD BRACELET—Sdlg. 75-13: Lemon Brocade X 70-107. TB, 29" M. Very deep yellow-gold with white blaze in center of falls. Color is sun fast. Closed standards are yellow (RHS 13B) and heavily ruffled. Horizontal falls are yellow-orange (14A) with white blaze, heavily ruffled and flounced. Matching yellow beards. Four branches with six or more buds. Prolific bloomer. Ideal for front of border. Very showy and fertile both ways \$25.00

LOVE SONG—Sdlg. 76-30X: 73-38 X 73-31. TB, 34", M. Ruffled, upright standards are light lavender-pink. Very ruffled and flaring falls are pale lavender-pink with white blaze at center. Pink beards tipped blue. Light lavender-pink styles. Five branches with nine buds. Plant habits are excellent. Fertile both ways \$25.00

Previous Rudolph Introductions

Send for catalog describing exclusive Daylillies, Hostas, Irises and Peonies.

ANGEL CHIFFON	1978	\$ 15.00	LILAC FROST	1980	\$ 20.00
BALLET RUFFLES	1978	\$ 15.00	ORCHID TINSEL	1979	\$ 20.00
BEIGE MELODY	1974	\$ 6.00	ORIENTAL ETCHING	1980	\$ 20.00
BLUE CHARMER	1972	\$ 6.00	PEACH TAFFETA	1973	\$ 6.00
CARVED ANGEL	1975	\$ 8.00	PEARL FROST	1977	\$ 15.00
CARVED CAMEO	1972	\$ 6.00	PINK ANGEL	1973	\$ 10.00
CARVED MARBLE	1977	\$ 12.00	PINK BALLET	1969	\$ 6.00
CHARTREUSE RUFFLES	1976	\$ 10.00	PINK FRINGE	1967	\$ 6.00
CHIFFON BONNET	1978	\$ 15.00	PINK SLEIGH	1970	\$ 6.00
CREAM TAFFETA	1970	\$ 6.00	PINK TAFFETA	1968	\$ 6.00
CUT CRYSTAL	1978	\$ 12.00	SALMON DREAM	1970	\$ 6.00
FRINGED LACE	1980	\$ 15.00	THELMA RUDOLPH	1976	\$ 15.00
LEMON BROCADE	1974	\$ 10.00	TITIAN GOLD	1973	\$ 6.00
LEMON CREST	1979	\$ 15.00	YELLOW TAPESTRY	1979	\$ 20.00

SEND ALL ORDERS AND INQUIRIES TO CHARLES KLEHM & SON NURSERY. All prices are net. Check, draft or money order must accompany order. Visa and Master Charge accepted. No COD please. Irises will be shipped by parcel post, special handling or United Parcel Service from mid-July to September 15. Include \$2.00 for shipping and handling. We ship only state-inspected plants and true to name. If not satisfied, notify us promptly.

CHARLES KLEHM & SON NURSERY

2 East Algonquin Road

Arlington Heights, IL 60005

312-437-2880

GARDEN OF WILLIAM G. and ESTHER C. McGARVEY

1 Etwilla Lane, RD 3

Oswego, NY 13126

- PINK HAZE** (1980). SIB, 38". Pink Self. Opens Munsell 5RP 6/10. From McG-60-InRoy-P-1 X McG-63-2-2-2. Holds an HC certificate in 1976 and 1979. Was a very much admired entry at the Huntsville Convention in 1979 NET \$65.00
- YANKEE DOODLE BOY** (1979). SIB, 34". S. light violet with white edges; F. very dark violet. Both S. and F. grade into lighter color, then white at edges; white stylearms. Large flowers. Most importantly, this plant blooms after the 4th of July in Oswego, and was named in relation to that holiday NET \$45.00
- LYDIA WINTER** (1979). SIB. 39". Opens pink but converts to a lovely violet. Named in honor of the competent flower judge who admired it as a new seedling. From pink breeding NET \$45.00
- MAGGIE SMITH** (1979). SIB. 36". Same parentage and similar to Lydia Winter, but sufficiently different in plant and flower that competent judges see it as different and worthy of individual attention NET \$45.00
- BLUE CHANTEUSE** (1977). SIB, 38". Light blue self (Munsell 5PB 7/7). Blue Burn X 68-63-50-B-1: (White Swirl x Super Ego). By my standards, this is a lovely flower on an excellent plant NET \$45.00
- ROANOKE'S CHOICE** (1976). Lovely violet. Very much admired at Roanoke Convention, receiving an HC award at that time. Excellent, floriferous plant. Top choice Siberian in Judges' Choice 1978 NET \$45.00
- RED PASSION** (1974). HC in Lansing Convention. Large, handsome, bright purplish red flowers on well-branched stalks. Late bloomer NET \$40.00
- AUGURY** (1974). SIB, 40". Same breeding as Red Passion with same excellent characteristics but very different flower. Large, ruffled, compact flower which opens pink but converts to a pretty violet. Morgan Award 1980 NET \$40.00
- DEVIL'S SCION** (1973). Pure I. fulva from Devil's Advocate selfed. Like its parent, it grows well in Oswego and blooms and reblooms there NET \$25.00
- WING ON WING** (1969). SIB, 38". Handsome white. Quite different from White Swirl. From Ego X Blue Burn NET \$30.00
- DEVIL'S ADVOCATE** (1972). 15". Pure I. fulva. Flowers are bright red-orange. Prospers in Oswego and reblooms in August and September. Needs year round moist, humus soil and likes extra moisture in the spring and summer NET \$30.00
- EGO** (1966). The best of the 28-chromosome McGarvey blues. HM '67, JC '68 and Morgan Award '72 NET \$ 5.00
- FORETELL** (1970). A fertile hybrid between the 40-chromosome I. forrestii and a 28-chromosome Siberian nybrid. Named to suggest future use in breeding. Produces excellent and unusual seedlings. HM, JC '71 NET \$25.00
- ID** (1969). Velvety black from pure I. chrysographes. Pure to species in form. Requires moist soil year round. HM '70, JC '71. Short stock NET \$35.00
- KING'S FOREST** (1969). Clear, light yellow from pure I. forrestii breeding. Excellent parent. Requires moist soil year round NET \$12.00
- SUPER EGO** (1966). Truly unusual Siberian form. S. pale blue; F. darker blue at edge, fading to powder blue near center. HM '67, JC '68. Morgan Award '71 NET \$ 5.00
- DEWFUL** (1967). SIB, 40". Sister to Ego but entirely different form. HM '68, President's Cup '70, Morgan Award '70 NET \$ 5.00
- BLUE BURN** (1968). Sib to Ego and Dewful but different from both. 'Burn' in Scotland means river or stream. HM '68 NET \$10.00

1981 INTRODUCTIONS
 From the Garden of
 TONY and DOROTHY WILLOTT
 26231 Shaker Blvd.
 Beachwood, Ohio 44122

MDB

ALPINE LAKE (78-51) White standards slightly tinged blue; light blue falls; pale blue beard; 6 in.; HC & EC 80	\$ 7.50
INCA OFFERING (78-127) Bright yellow and deep red-brown variegata; 6 in.....	\$ 7.50
GOLD CANARY (79-4) Light and full yellow bitone; white beard; 4/ in.	\$ 7.50
STAR CAPER (79-57) Light yellow with deep yellow spot; white beard; 5 in.; HC 79.....	\$ 7.50

SDB

AUBURN VALLEY (78-148) Light yellow marked deep red-violet; burnt orange beard; 14 in.; EC 79	\$10.00
DAINTY DIANA (78-194) Ruffled, white ground plicata narrowly marked full violet; yellow beard; 13 in.; HC 80.....	\$10.00
ERIE ISLANDS (78-100) Light yellow standards; pale yellow falls, darker hafts; white beard; 11 in.....	\$10.00
JEWEL LAKE (79-74) Light violet-blue standards; pale blue falls with green halo; light blue beard; 11 in.; HC & EC 80.....	\$10.00
MAGIC CHARM (78-211) Ruffled medium yellow self; light blue beard; great form; 12 in.....	\$10.00
MORNING SURF (78-118) Blue-white self; white beard; 10/ in.....	\$10.00
ORIENTAL BLUSH (78-130) Light buff-pink self, slightly deeper in hafts; light blue beard; 13 in.; HC 80.....	\$10.00
QUIET MORN (76-93) White ground plicata stitched violet-blue; cream beard; 12 in.....	\$10.00
SYLVAN SPRING (78-206) Ruffled pale blue, brushed gold at hafts; medium blue beard; 12 in.....	\$10.00

IB

CARACAL (78-240) Ruffled gold standards with tan veining; ruffled falls gold with creamy white center, tan overlay around edges, violet dots in center; 22 in.....	\$15.00
LILAC POINT (78-212) Ruffled creamy white lightly flecked light violet; full violet markings in hafts and outlining the orange and violet beard; 20 in.; HC 80.....	\$15.00

20% off on orders of 3 to 5 introductions
30% off on orders of 6 or more introductions

List of Previous Introductions Available on Request

"Schultz-Instant"

SOLUBLE FERTILIZER

20 · 30 · 20

Concentrated, High Analysis - All Purpose -
20 30-20 crystals. Grows Vegetables, Flowers,
Roses, Trees, Shrubs, Lawns, Etc.,
in Yards, Gardens, Greenhouses.

Available at your store or send \$8.95 for
5 lb. (includes mailing).



SCHULTZ CO. - St. Louis, Mo 63043



"Schultz-Instant"

LIQUID PLANT FOOD

10 · 15 · 10

Concentrated, High Analysis - All Purpose -
10-15-10 "Starts and Feeds" all Plants
Indoors and Outdoors.

Available at your store or send \$1.50 for 5½ oz.
\$2.75 for 12 oz. (includes mailing).

SEND FOR OUR FUND RAISING OFFER

THE BRITISH IRIS SOCIETY

sends greetings to all members and friends in
The American Iris Society

Enquiries and subscription renewals will be welcomed by our Membership Secretary:

Mrs. E. M. Wise
197 The Parkway
Iver Heath
Iver, Bucks

We are asked to remind you that our subscription rates for 1981 are:

Subscriptions received before March 1—\$14.00

Subscriptions received after March 1—\$16.00

Plus \$1.50 to cover conversion costs

Sterling cheques for £6.00 or £7.00 would be preferred.

ATTENTION HYBRIDIZERS

The Sooner State Iris Society is pleased
to announce the First Annual

POLLEN DAUBERS SEMINAR

February 26-28, 1981

MRS. JIM (MELBA) HAMBLEN

has accepted an invitation to lead sessions on hybridizing for both established
and budding future hybridizers. A fee of \$20 per person is required.

For further information and assistance, write:

Dr. William E. Jones, President
104 Allenhurst, Oklahoma City, OK 73114
Phone: 1-405-751-4235

or come at 6:00 P.M. on the 27th to:

Will Rogers Garden Center
3400 NW 36 St., Oklahoma City

1/4 teaspoon
per gallon
water grows
vegetables,
flowers, roses,
trees, shrubs,
lawns, every-
thing for yard
& garden.



"Schultz-Instant"
CONCENTRATED SOLUBLE
Fertilizer
20-30-20
with Model 5 "Mixerator Yard Gun"

The patented non-clogging "Mixerator" Yard Gun makes application easy on large areas.

Available at your store or send \$8.95 with this ad for 5 lbs. Schultz Fertilizer plus a \$2.95 "Mixerator" Free. (Estate Size 25 lbs. with 2 "Mixerators" \$33.00). Free delivery. Extended limited offer. Immediate shipment.

Schultz Company, Dept. ISA 11730 Northline, St. Louis, MO 63043

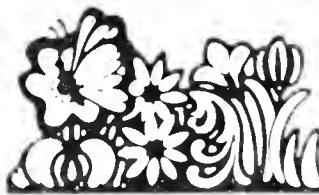
Commercial Directory

ALPENFLORA GARDENS

17985 - 40th AVE.
Surrey (Cloverdale) B.C. V3S 4N8

West Coast Natives and Hybrids. Many different species from the world over. Miniatures and Standard Dwarfs. All well established in 4" pots. Ready to ship and to plant any time. 20% off on U.S. currency. Quality plants - Quantity Discounts. Also, many hardy plants and perennials plus choice alpines, rockery plants, primroses.

List on request



Iris
Daylilies
Peonies
Perennials

BUSSE GARDEN CENTER & NURSERY

635 E. 7th St.
COKATO, MINNESOTA 55321
"The Minnesota Perennial People"
Send \$1.00 for catalog
Credited on first order!

BAY VIEW GARDENS

Of Joseph J. Ghio
1201 Bay St., Santa Cruz, Calif. 95060

Send 50¢ for catalog listing. The finest in Median, Tall, Louisiana, Pacific, Siberian and Spuria irises.

Lifetime Plastic Markers
Treated Wood Stakes
Agricultural Streptomycin
Terrachlor (and other chemicals)
Send stamp for price list

BUSSE GARDEN CENTER
635 E. 7 St., Cokato, MN 55321

BROWN'S SUNNYHILL GARDENS

Opal L. Brown

"YOUR ASSURANCE OF QUALITY"
FEATURING THE FINEST OF
MODERN TALL BEARDED IRIS

Catalog on request
— No Color —

Route 3, Box 102
Milton-Freewater
Oregon 97862

C&A IRIS GARDENS
Growers of Quality Iris
REASONABLE PRICES
PRICE LIST ON REQUEST—
Wholesale and Retail
1320 Mary Street
Hanford, CA 93230

BURGES IRIS GARDEN

1900 Fordham Drive
Denton, TX 76201
817-383-1946

Quality rhizomes of the newer tall bearded irises at reasonable prices.
List on request.

CAL DIXIE IRIS GARDENS

Offers Quality Iris at affordable prices. Over 1000 varieties of TBs, BBs, SDBs and remontants. Descriptive price list on request.

Herb and Sara Holk
14115 Pear St.
Riverside, CA 92504

CHARJOY GARDENS

Charles and Joyce
Arny, Jr.
117 Acacia Drive
Lafayette, La. 70508

Top Quality Louisiana Irises

Catalog 15¢

CONTEMPORARY GARDENS

Perry Dyer
Box 534 Blanchard, OK 73010
The newest in TBs, medians and Louisianas,
featuring introductions of Perry Dyer,
Bob Raabe and Dr. W. E. Jones.
Catalogue on request

COOLEY'S GARDENS

301 S. James St.
P.O. Box 126
SILVERTON, OREGON 97381

Incomparable Iris catalog in color

FEATURING THE FINEST OF
TALL BEARDED IRISES
QUALITY RHIZOMES

Free with your first order of the season
and to our recent customers

or
Send \$2.00 for the catalog, then deduct
it from your first catalog order.

CORDON BLEU FARMS

TETRAPLOID DAYLILIES

Best of new and old IRIS

Tall Bearded

Spurias

Louisianas

418 Buena Creek Road
San Marcos, California 92069

Free catalog on request

The Cherry Lane Gardens of GLENN F. CORLEW

2988 Cherry Lane
Walnut Creek, California 94596

featuring the introductions of
Glenn F. Corlew
and
Vernon Wood

Send 25¢ for catalog

COTTAGE GARDENS

22549 Center St., Hayward, CA 94541
Featuring the introductions of Bob Brown;
Virginia Messick, John Nelson, Don Denney,
Jim McWhirter

CATALOG ON REQUEST
A comprehensive collection of Tall
Bearded Iris

COTTONWOOD GARDEN

Route 2 Moville, IA 51039
Edna Moss

Our clean, highly organic farm soil
produces heavy, healthy rhizomes. Send
stamp for list of TBs and IBs. Reasonable
prices—finest quality!

D. and J. Gardens

1373 Coventry Road
Concord, CA 94518

Introductions of Joyce and Duane Meek
See our ad in the Spring *Bulletin*
No catalog. Write for prices of previous intros.

M. A. D. GARDEN

Bob and Mary Dunn introductions only

4828 Jella Way
North Highlands, CA 95660

See our ad in April Bulletin

BALDWIN'S IRIS

Offering fine irises of recent introduc-
tion at attractive prices. Over 500
varieties.

TBs * BBs * SDBs

Descriptive catalog on request.

1306 Monroe Walla Walla, WA 99362

HARDY NORTHERN BEARDED IRIS

1981 Color Catalog \$1.00

Featuring Introductions of:

Gordon W. Plough

Merle Daling

Ruby Short

Tall, Border,

Intermediate, Standard Dwarf

EDEN ROAD IRIS GARDEN

P.O. Box 117

Wenatchee, WA 98801

IRIS LABELS

Mfg. by

TOM FOSTER

977 Meredith Court

Sonoma, CA 95476

A garden labeling method that is unobtrusive in the garden, durable, very legible and easy to use.

**Send stamp for descriptive,
literature and price list.**

GIBSON IRIS GARDENS

146 South Villa

Porterville, CA 93257

Write for our 1981 catalog featuring current introductions and our newest releases listed in the April Bulletin.

A. H. HAZZARD

510 Grand Pre Ave. Kalamazoo, Mich. 49007

Grower of

JAPANESE IRISES

Over 300 varieties. List on request.

HILDENBRANDT'S IRIS GARDENS

Star Route, Box 4, Lexington, NE 68850

Featuring introductions of Mrs. B. Wolff.
Catalogue on request, listing 1100 varieties
of SDB, IB, BB, AB and TB Irises. Also
Oriental Poppies and Peonies.

HILLVIEW GARDENS

Lilly Gartman

18461 Hillview Dr., Los Gatos, CA 95030

Choice selection of the latest

TBs and Medians

Free Catalog



ILLINI IRIS

D. STEVE VARNER

N. State St. Rd.

Monticello, IL 61856

Hybridizer and Grower

Tall Bearded,
Border Bearded and
Siberian Irises,
Tetraploid Hemerocallis

Price List on Request

THE J — LOT GARDENS of Lottie Ogles

Tall Bearded irises of quality and vigor

REBLOOMING SPECIALISTS

More than one hundred varieties —
new and old

SPRING BLOOMING VARIETIES

Extensive listing of newer
introductions

Prices low — Quality high —
Satisfaction guaranteed

Send 30¢ stamp for list after March 1

Rt. #2, Box 444, Joshua, Texas 76058

KEITH KEPPEL

P.O. Box 8173

STOCKTON, CALIFORNIA 95208

Catalogue Featuring ...

1981 Introductions of

Joe Gatty

Keith Keppel

and the newest varieties of

tall bearded

medians

Available on Request to AIS Members

LA CRESTA GARDENS

of

Maryann M. Anning
12864 Viscaino Road
Los Altos Hills, CA
94022



Catalog
on Request

LAURIE'S GARDEN

(Lorena M. Reid)

41886 McKenzie Hwy
Springfield, Oregon 97477

Specializing in: CALIFORNICAE, JAPANESE and SIBERIAN Irises. Also grow many Cal-Sibes, Evansia, Laevigatae and other Beardless Species and Hybrids.

Descriptive price list
for stamp in May.

LOUISIANA NURSERY

Ken and Belle Durio

CHOICE
LOUISIANA IRISES
TETRAPLOID AND DIPLOID

OUR 31st YEAR
DESCRIPTIVE CATALOG
ON REQUEST

THIS LIST INCLUDES
MANY EXCITING
NEW DAYLILLIES

RT. 7, BOX 43
OPELOUSAS, LOUISIANA 70570

IRIS STATIONERY by TOM LITTLE

Note paper (5½" x 8½")

50 sheets: \$2.50

100 sheets: \$4.00

color or personalization 50¢ extra

Writing paper (8½" x 11")

50 sheets: \$3.50

100 sheets: \$6.50

All sheets decorated.

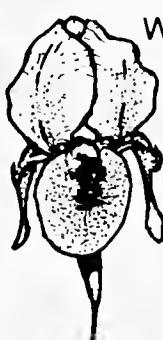
No envelopes.

Mixed designs.

Write for samples.

RR 2, Box 196-B

Las Cruces, NM 88001



MARYOTT'S IRIS GARDENS

Nearly two acres of irises
specializing in

*Latest Tall Bearded

*Dwarfs and Medians

*Remontants, Exotica & Antiques

Featuring large quantities of the most recent varieties and offering them at exceptionally reasonable prices. The gardens are open to the public during bloom season, and AIS members are cordially invited.

Free Catalog

BILL & MELINDA MARYOTT

1678 Andover Lane

San Jose, CA 95124

(408) 265-2498

MILLER'S MANOR GARDENS

Roger and Lynda Miller
Route 2, Box 323A
Ossian, IN 46777

Specializing in Miniature Dwarf,
Median and Tall Bearded Irises.

List on Request

MID-AMERICA GARDENS of Paul Black

TBs * Medians * Arilbreds
Quality rhizomes of the latest introductions to
the tried and true older varieties.
Catalog on request.

Box 425

Wheatland, OK 73097

MELROSE GARDENS

309-AD Best Road South
Stockton, CA 95205

Presenting the 1981 introductions of:
D.C. Anderson, K. K. Kidd, Mrs. Walter
Savage, Sam Rix, Frank Chowning, and
a wide range of iris types
from Ben R. Hager.

Our smaller catalog will bring you a
restricted listing of only the most elite
irises, but still all of the fascinating
types of irises and newer daylilies.

THE CONOISSEUR'S CATALOG
\$1.00 mailed first class
not deductible

MISSION BELL GARDENS

(MELBA AND JIM HAMBLEN)

Featuring Fine Irises of

Recent Introduction

TALL BEARDED

CATALOG ON REQUEST - NO COLOR

2778 W. 5600 So. Roy, Utah 84067

MOUNT OLIVE IRIS GARDEN

10349 Empire Grade
Santa Cruz, CA 95060

Grower of tall bearded iris, featuring the
best in the west. Mountain grown on the
edge of the Pacific. Visitors welcome.

Susan Coleman, Owner. List on request.

MOHR GARDENS

1649 Linstead Drive
Lexington, KY 40504

Featuring the tall bearded introductions of Dr. H. C. Mohr,
David Mohr and Ken Mohr. Also, a large selection of contemporary
TBs from your favorite American hybridizers.

Send stamp for catalog

PACIFIC COAST HYBRIDIZERS

Featuring
the introductions of

Bryce Williamson

Post Office Box 972
Campbell, CA 95028

Free catalogue

RAINBOW GARDEN

Box 157
Weir Kansas, 66781

TBs * SDBs * IBs

JOHN R. MADDOX
(formerly of Okla. City)

List on Request

RIVERDALE IRIS GARDENS

Glenn and Zula Hanson
7124 Riverdale Road, Minneapolis, Minn.
55430

Featuring an extensive list of dwarfs and
medians.

Free price list. No color.

HARDY NORTHERN PEONIES

Beautiful Herbaceous and Tree Peony Hybrids. Excellent quality. Exciting colors.

Catalog \$1.00

DAVID REATH
Vulcan, Michigan 49892

SCHLIEFERT IRIS GARDENS

Murdock, Nebraska 68407
Since 1935

Collection of all Dykes available
No catalog available this year

SCHREINER'S GARDENS
3629 QUINABY RD., NE.
SALEM, OREGON 97303

Fine Irises for discerning collectors

GROWERS - HYBRIDIZERS -
ORIGINATORS

America's Finest Iris Catalog, accurate color illustrations, a treasure trove of information.

\$2.00 (Deductible from 1st order)

FRED E. SPAHN

1229 Lincoln Ave. Dubuque, Iowa 52001

350 varieties of newer TB iris
at attractive prices.

Price list on request.

See April display ad for my introductions.

DAVID B. SINDT-IRISES

1331 West Cornelia, Dept. A
Chicago, Illinois 60657

Featuring pure pumilas, other small bearded species, 1981 MDBs, SDBs, AB-meds by David Sindt, Oscar Keith, Earl Roberts, J. D. Taylor and Lothar Denkewitz.

Free catalog available in April.
No orders accepted after July 15.



Vagabond Gardens
11115 Bodega Highway
Sebastopol, CA 95472

Featuring Tall Bearded, Medians,
Reblooming, Beardless and Bearded,
Louisianas, Japanese, Siberians and
Pacificas.

FRANK J. FOSTER
A Garden in the Redwoods!

Catalog Available on Request.

GILBERT H. WILD & SON

Dept. AIS 181
Sarcoxie, MO 64862

Send \$2 for 96-page illustrated catalog in color featuring IRISES, PEONIES, DAYLILLIES.

WINDSOR IRIS GARDENS

Jackie Norton & Jean Richey

TB, IB, SDB, Spurias, Japanese, Louisianas and Californicae with Californicae sdlg. hybrids and seeds. Free List.

P.O. Box B Windsor, CA 95492

WHEN FORMULATING POLICY, the AIS Board, as with other such bodies, faces a dilemma—how much detail to include in a motion to make it effective, but not restrictive. One Director delivered the solution in suggesting “creative ambiguity.” That may even beat Murphy’s Laws!

REGIONS AND REGIONAL VICE PRESIDENTS

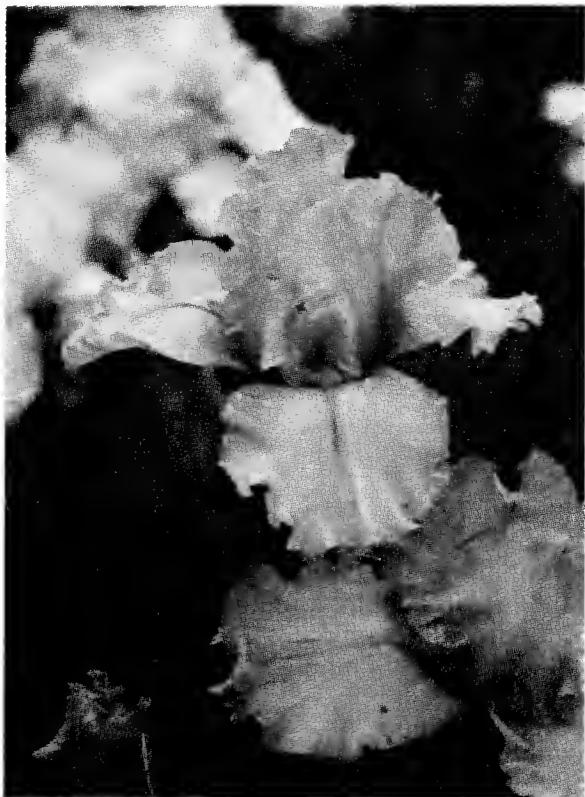
- 1- Maine, Connecticut, Massachusetts, New Hampshire, Rhode Island and Vermont. *Clayton H. Sacks*, West Neck Rd., Box 70, Nobleboro, ME 04555
- 2- New York. *Greg M. Schifferli*, 1211 McKinley Pkwy., Lackawanna, NY 14218
- 3- Pennsylvania and Delaware. *Paul R. Smith*, 299 N. Pleasantview Rd., Sanatoga, PA 19464
- 4- Maryland, District of Columbia, North Carolina, Virginia and West Virginia. *Claire B. Barr*, 1910 Greenspring Valley Rd., Stevenson, MD 21153
- 5- South Carolina, Florida and Georgia. *Rev. Everette L. Lineberger*, Route 6, Box 300, Inman, SC 29349
- 6- Michigan, Indiana and Ohio. *James A. Copeland*, Wolf Lake Fish Hatchery, Route 1, M-43, Mattawan, MI 49071
- 7- Kentucky and Tennessee. *Dr. Hubert C. Mohr*, 1649 Linstead Dr., Lexington, KY 40504
- 8- Wisconsin and Minnesota. *Walter A. Machulak*, S. 82 W. 12877 Acker Dr., Hales Corners, WI 53130
- 9- Illinois. *Mrs. Rita Kinsella*, 318 Marabeth, Fairview Heights, IL 62208
- 10- Louisiana. *Richard Goula*, 113 Acacia Dr., Lafayette, LA 70508
- 11- Montana, Idaho and Wyoming. *David M. Durnford*, 1504 S. Seventh West, Missoula, MT 59801
- 12- Utah. *Keith Wagstaff*, 2424 E. Sundown Ave., Salt Lake City, UT 84121
- 13- Washington, Oregon, Alaska, Acting RVP, *J. T. Aitken*, 808 N. W. 119 St., Vancouver, WA 98665
- 14- Northern California, Hawaii and Nevada. *Dr. John H. Weiler*, 1146 W. Rialto, Fresno, CA 93705
- 15- Southern California and Arizona. *Janice Chesnik*, 418 Buena Creek Rd., San Marcos, CA 92069
- 16- Canada. *John McMillen*, Route 1, Norwich, Ontario NOJ 1PO, Canada
- 17- Texas. *Mrs. Louise Nichols*, 2703 S. Harrison, Amarillo, TX 79109
- 18- Missouri and Kansas. *Dave Niswonger*, 822 Rodney Vista Blvd., Cape Girardeau, MO 63701
- 19- New Jersey and Staten Island. *Dave Silverberg*, 27 Spring Hill Dr., Howell, NJ 07731
- 20- Colorado. *Dr. John R. Durrance*, 4301 E. Cedar Ave., Denver, CO 80222
- 21- Iowa, Nebraska, North Dakota and South Dakota. *Leonard J. Michel*, 420 Hilltop Rd., Ames, IA 50010
- 22- Oklahoma and Arkansas. *Burdella Rhodes*, Box 78, Osage, OK 74054
- 23- New Mexico. *James A. Mahoney*, 704 Jefferson N.E., Albuquerque, NM 87110
- 24- Alabama and Mississippi. *Grady Kennedy*, 9610 Todd Mill Rd., S.E., Huntsville, AL 35803

1981 Introductions By *Nathan and Thelma Rudolph*

RUFFLED SURPRISE (Rudolph '81) #77-20



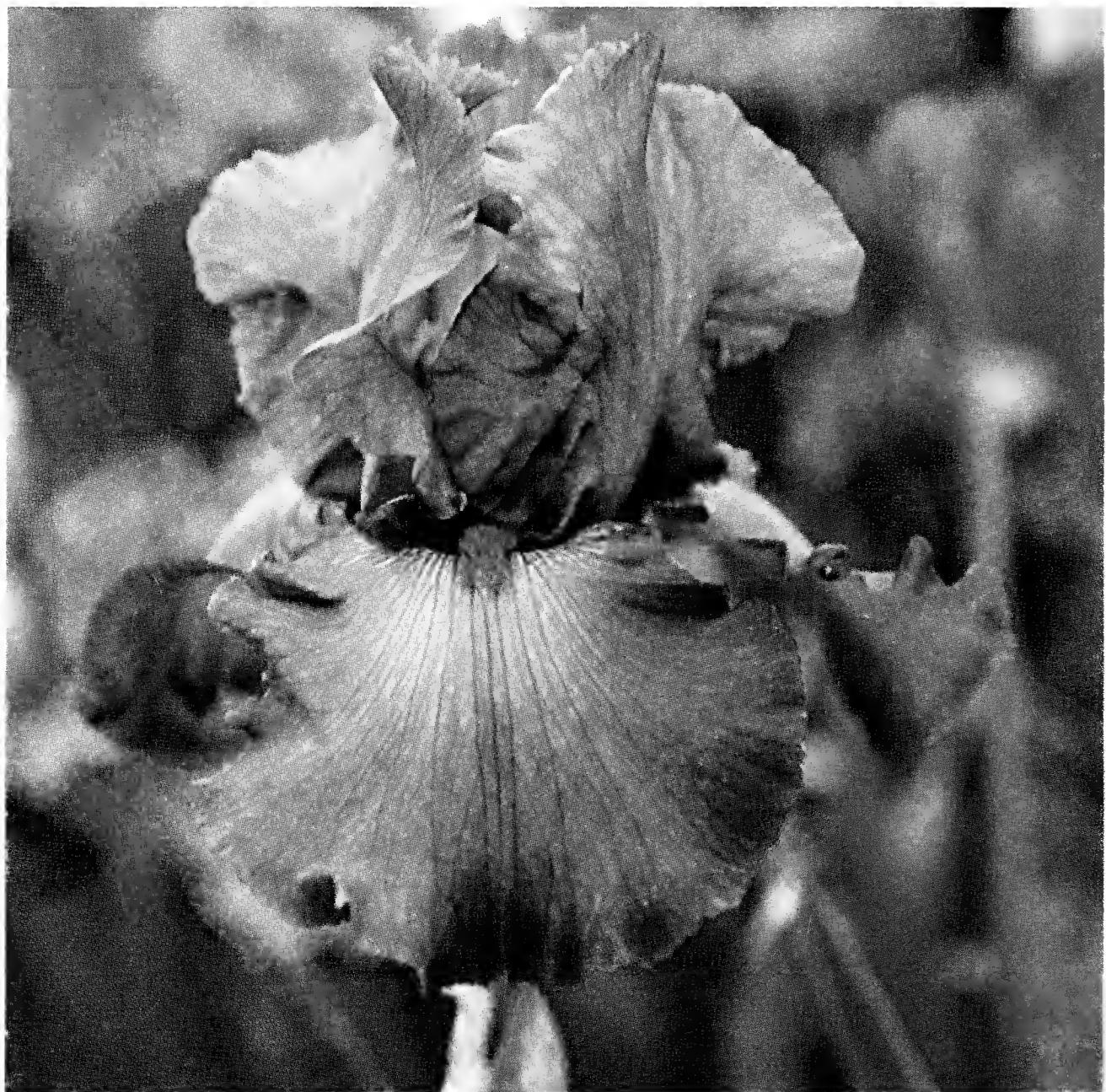
**GOLD BRACELET
(Rudolph '81) #75-13**



LAVENDER RIBBON
(Rudolph '81) #76-31X

CHARLES KLEHM & SON NURSERY
2 East Algonquin Road Arlington Heights, IL 60005

Now Available



LADY FRIEND (Ghio '81) \$25.00

Order direct or send \$.50 for catalog.

BAY VIEW GARDENS

1201 Bay Street

Santa Cruz, CA 95060

Bulletin of the

American Iris Society

Number 241 □ April 1981





Schreiner's
GARDENS

3629 Quinaby Rd.
Salem, Oregon 97303

CATALOG \$2.00
(Deductible 1st order)

HOT LINE (1981)

THE BULLETIN OF THE AMERICAN IRIS SOCIETY

VOL. LXII, No. 2

Series No. 241

April, 1981

USPS 075-620

Editor-in-Chief: Ann Branch Dasch, 728 Diane Ave., Stockton, CA 95207
Tel. (209) 952-3845 or (209) 477-9092

Associate Editors: Philip Edinger, P.O. Box 637, Cloverdale, CA 95425

Advertising Editor: Kay Nelson, P.O. Box 37613, Omaha, NE 68137
Tel. (402) 895-9112

Managing Editor: Phillip Williams, P.O. Box 41, Eagleville, TN 37060

Editorial Committee: Ben R. Hager, Julius Wadekamper, W. George Waters,
Betty Wood

Departments & Editors: Domestic News—Fred Stephenson, 5608 Merriman
Rd., S.W., Roanoke, VA 24018
Foreign News—Bee Warburton, 2 Warburton Lane,
Westboro, MA 01581
Science—Sidney DuBose, 309 Best Rd. South,
Stockton, CA 95205
Photo Coordination—Maryann Anning, 12864 Vis-
caino Rd., Los Altos Hills, CA 94022

THE BULLETIN is published quarterly by the American Iris Society, Publishing Office 6518 Beachy Ave., Wichita, KS 67206. Second-class postage paid at Wichita, KS, and at additional mailing offices. Subscription price is included in annual membership dues of \$9.50. Annual Subscription rate \$9.50 per year.

—Communications regarding **membership and dues** should be addressed to **Ronald Mullin**, Route 3, Pawnee, OK 74058.

—Communications concerning the **business matters** of the Society should be addressed to **Mrs. R. V. Ramsey**, 6518 Beachy Ave., Wichita, KS 67206.

—Communications regarding **advertising** should be addressed to **Kay Nelson**, Advertising Editor. For information about membership, advertising rates and section dues, see sections membership dues.

—All copy due in Editor's office by Oct. 15 (Jan.), Jan 15 (April), April 15 (July), July 15 (October).
This BULLETIN was printed by Williams Printing Company.

SECTION PRESIDENTS and BULLETIN REPRESENTATIVES

MEDIAN IRIS SOCIETY: Lee Eberhardt, 1440 N. Fountain Blvd., Springfield, OH 45504
Larry Harder, Ponca, NB 68770

THE SOCIETY FOR SIBERIAN IRISES: D. Steve Varner, N. State St. Rd., R 1, Monticello, IL 61856; *Dr. Currier McEwen, South Harpswell, ME 04079*

SPURIA IRIS SOCIETY: Mrs. Ruth Wilder, 2219 Matthews St., SE, Huntsville, AL 35801;
Ms. Joan N. Cooper, 212 W. Country Rd. C, St. Paul, MN 55113

SOCIETY FOR JAPANESE IRISES: Adolph J. Vogt, 5101 Fagenbush Ln., Louisville, KY 40218; *W. E. Ouweneel, RR 31, Box 206, Terre Haute, IN 47803*

REBLOOMING IRIS SOCIETY: Lloyd Zurbrigg, 708 Noblin St., Radford, VA 24141;
Same

DWARF IRIS SOCIETY: David B. Sindt, 1331 W. Cornelia, Chicago, IL 60657; *Anne Johnson, 1858 S. Downing, Denver, CO 80210*

SOCIETY FOR PACIFIC COAST NATIVE IRISES: Virginia del Judge, 121A Victoria View Dr. Sequim, WA 98382; *Olive J. Rice, 1914 Napa Ave., Berkeley, CA 94707*

SPECIES IRIS GROUP OF NORTH AMERICA (SIGNA) Chairman, Mrs. J. A. Witt, 16516 25th N.E., Seattle, WA 98155

LOUISIANA IRIS SOCIETY OF AMERICA (LISA): Richard J. Sloan, 2607 Louise Ave., Arcadia, CA 91006; *Robert C. Brooks, 418 Buena Creek Rd., San Marcos, CA 92069*

COOPERATING SOCIETY: Aril Society International: William Scott, 1946 Vedanta Place, Hollywood, CA 90068.

THE AMERICAN IRIS SOCIETY

A nonprofit institution incorporated Feb. 2, 1927, in the County of Philadelphia, State of Pennsylvania. By the terms of the Charter, the Corporation has no stockholders and exists for the sole purpose of promoting the culture and improvement of the IRIS.

OFFICERS

President: Dr. Harold L. Stahly, 8343 Manchester Dr., Grand Blanc, MI 48439

First Vice President: Ronald Mullin, Route 3, Pawnee, OK 74058

Second Vice President: James Rasmussen, 11 Rambler Rd., Hutchinson, KS 67501

Secretary: Mrs. R. V. Ramsey, 6518 Beachy Ave., Wichita, KS 67206

Treasurer: Stephen Kegerise, 4411 Hilldale Rd., Reading, PA 19606

Editor: Ann B. Dasch, 726 Diane Ave., Stockton, CA 95207

Registrar: Kay Nelson, P.O. Box 37613, Omaha, NE 68137

Membership Secretary: Ronald Mullin, Route 3, Pawnee, OK 74058

Librarian: Dorothy Howard, 226 E. 20th St., Tulsa, OK 74119

DIRECTORS

Past Presidents: Hubert A. Fisher, Marion Walker, Dr. John W. Wister, Leon Wolford.

<i>Terms expiring in 1981:</i>	Glenn F. Corlew	Mrs. Edward Owen
	Julius Wadekamper	Mrs. C. C. Rockwell, Jr.
<i>Terms expiring in 1982:</i>	Dr. John Harvey, Jr.	Mrs. R. V. Ramsey
	Ronald Mullin	Dr. Harold L. Stahly
<i>Terms expiring in 1983:</i>	James G. Burch	Dorothy Howard
	Allan Ensminger	James Rasmussen

CHAIRMEN OF STANDING COMMITTEES

Affiliates: Mrs. Edward Owen, 1411 Crest Dr., Encinitas, CA 92024

Awards: Kenneth M. Waite, 6 Tow Path La., Westfield, MA 01085

Convention Liaison: James Burch, 717 Pratt Ave., N.E., Box 10003, Huntsville, AL 35801

Exhibitions: Glenn F. Corlew, 2988 Cherry La., Walnut Creek, CA 94596

Foundation Liaison: Dr. John Harvey, Jr., 203 W. Pembrey Dr., Wilmington, DE 19802

Historical: Larry Harder, c/o Court House, Ponca, NB 68770

Honorary Awards: Leon Wolford, 7530 Forney Rd., Dallas, TX 75227

Judges Training and Judges: Mrs. C. C. Rockwell, Jr., P.O. Box 70, Fentress, TX 78622, Tel. 512-488-2365

Membership Contest: E. W. Lawler, 2114 Eldorado Way, Carrollton, TX 75006

Public Relations: Olive Rice, 1914 Napa Ave., Berkeley, CA 94707

Registrations: Keith Keppel, P.O. Box 8173, Stockton, CA 95208. Send all registration applications and \$5.00 payable to AIS, to registrar Kay Nelson, P.O. Box 37613, Omaha, NE 68137

Robins: James Stayer, 7414 E. 60th St., Tulsa, OK 74145

RVP Counsellor: Allan Ensminger, Rt. 3, Lincoln, NE 68505

Scientific: Julius Wadekamper, 10078 154th Ave., Elk River, MN 55330

Section Liaison: James Rasmussen, 2112 W 17th, Wichita, KS 67203

Slides: Dr. D. C. Nearpass, 9526 - 50th Pl., College Park, MD 20740

Test Gardens: Bennett Jones, 5635 S. W. Boundary St., Portland, OR 97221

Youth: Maryann Anning, 12864 Viscaino Rd., Los Altos Hills, CA 94022

TABLE OF CONTENTS

Border Survey Report, Part II	Betty Wood	5
Denver Notice to Hybridizers		9
Species Gallery	Roy Davidson	10
From Pod to Plant	Margie Robinson	17
Colors and Color Patterns	Norlan Henderson	19
An Evansia Hybrid	Roy Davidson	28
Looking Back to Wear		30
Can You Top This	Dr. Irene Van de Water	32
Publicize Your Local Event	Robby Browne	33
Judging Seedlings	Dr. H. C. Mohr	35
Matter of Judgment	Peg Edwards	36
Obituary, Orville Fay		62
Show & Youth Committee Notice		64
Obituary, Guy Rogers		64
Request for Guest Irises		65
Congratulations, Membership Contest Winners		73
Convention Iris Show		111

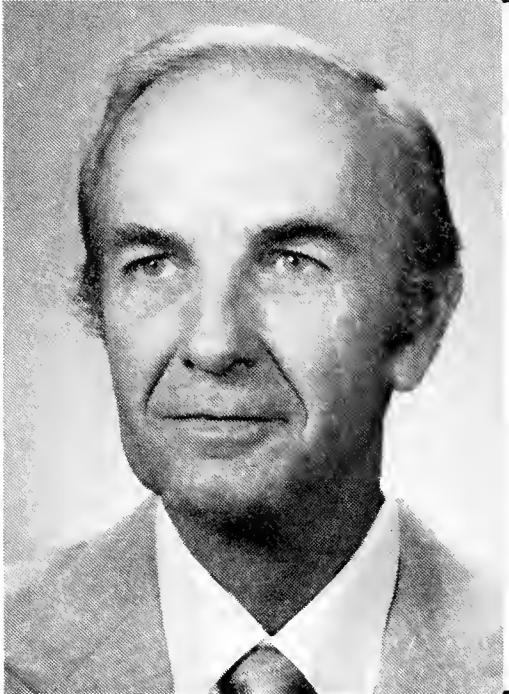
REGULAR FEATURES

President's Desk	4	Library	60
Bulletin Ad Rates	16	Contributions	61
Domestic News	41	Youthviews	63
International News	44	Editor's Notebook	66
Flightlines	48	Approved Affiliates	67
Membership Rates	53		

ADVERTISERS

Avonbank Iris (Zurbrigg)	99	Iris Country (R. Nelson)	98
Benson, Cliff	74	Kegerise, Mrs. Richard P.	100
Blodgett Iris	89	Keppel, Keith	92
Boswell Iris	95	Luihn's Iris	84
Brenton Point State Park	97	M.A.D. Iris (Dunn)	99
Brown's Sunnyhill	96	Markwardt, Alfred	103
Burch Iris	75	Maryott, William	Cover 3
Cape Iris (Nisv'onger)	78	Melrose Gardens	85
Clough, W.H.	103	Mission Bell (Hamblen)	104
Collins, J.R.	101	Mohr Gardens	Cover 4
Contemporary	76	Moores, Walter	100
Cooley's Gardens	59	Morgan, Richard	103
Cottage Gardens	77	Pacific Coast	54, 55
Crescent Garden	102	Paw Paw Everlast Label	102
D & J Gardens (Meek)	97	Peterson, Les	86
Dunderman, Mary Louise	91	Powell, Loleta	94
Echo Hill (D. Palmer)	79	Riverdale Iris (Hanson)	90
Ensminger, Allan	80	Rawdon, Louise	104
For Pleasure (Danielson-Stopani)	81	Roderick Iris	87
Gibson Iris	82	Rowlan, Henry	92
Griffin, John	90	Royal Iris (Johnson)	89
Hamner's Iris	93	Schreiner's	Cover 2
Harper, Brett	40	Schultz Company	103, 104
Hawkins, Nancy Fish	56, 57, 58	Sexton, Neva	101
Helsey, Calvin	93	Shoop, George	95
Hillcrest Iris (Nichols)	102	Spahn, Fred	91
Hillview Gardens	40	Vagabond (F. Foster)	96
Illini Iris (Varner)	88	Wedow Iris	94
Innerst, Sterling	83	Wethersfield Iris (Gadd)	98

Cover: LOUD MOUTH, hybridized by Jonnye Rich, shouts for attention as a dynamic, globular 10" arilmed of half Onco lineage and winner of the C.G. White Award in 1976. Photo by Keith Keppel.



From the Desk of the President

Hal Stahly

The short gray days of winter are over once more, and again we witness the recurring renewal of spring—the time of year many of us await most eagerly and enjoy most fully. I believe the English have the better of us in this. Spring in England seems much more leisurely; it is a long time from the first crocus to the end of iris bloom. Many of us, on the other hand, just hope for a reasonably decent interval between last snowfall and first heat wave. In any case, it's here and we shall enjoy it whatever the duration.

I'm speaking of spring not to be a homespun philosopher but to bring up the point that this is the prime time for acquainting people with the American Iris Society. And even though it is our busiest time of year, there are many things we can do to get new members. Visit gardens. Let's let people know that we are interested in what *they* grow. Encourage gardeners who have never done it to enter shows. Cut a few iris stalks to take to work, school, church, etc., and see the amazement of people who "didn't know there were such colors!"

Invite people to visit your garden, to visit your show, to attend your iris society meeting as a guest. I am convinced that simple exposure to the iris and iris activities will be the best sales "pitch" in attracting new members.

It is probably true that vigorous effort in seeking new members will result in some non-renewals. AIS is, after all, not necessarily for everybody, and some persons will opt out. I don't think that should disturb us. Of course we want all members to renew; but the active recruitment of new persons, with the accompanying risk of non-renewal, is more important than 100% retention.

We are looking forward to St. Louis and expecting a great convention. Hope to see you there!

BORER SURVEY REPORT, PART II

Betty Wood, NJ

The many letters sent to me by our members contain a wide variety of reports of experiences, suggestions, hypotheses, and distress. I will try to extract from them information that may be interesting and useful for *Bulletin* readers.

Concerning the moth:

Virginia Dolmyer in Illinois "dug up an occupied rhizome" (what a beautiful term!) "planted it in a deep glass bowl with plenty of soil, put on a ventilated lid, and waited for results. The borer went through his larval and pupate stages and emerged as a moth in September." So if you want to see the iris borer moth, follow her example.

Mildred Midjaas in Illinois points out that to rid ourselves of the borer we must find a way to break its life cycle. She destroys vegetable debris in ditches and at the edges of her property, not just in the garden, "to not give the iris moth a place to lay her eggs." This seemed to be effective. "I never, in all my years of growing, saw an iris borer in my iris beds."

Lee Eberhardt in Ohio writes, "I am of the opinion that the answer is a biological attractant and trap that lures the moths and gets rid of them before they deposit their eggs."

In Part I of this report I suggested trapping the moth in light traps, but I do not know whether the borer moth is attracted to light as many moths are.

Concerning borer eggs:

By careful observation of the time of appearance of initial borer damage in leaves, Virginia Dolmyer in Illinois has concluded that the eggs hatch over a period of weeks.

Several years ago when I was cleaning up dead foliage, an iris borer moth fluttered up from a rotted rhizome. I squashed her and then found several tiny white eggs on the rhizome. They were a little smaller than the head of a pin and shaped like a round pillow, thinner in the center with radial grooves, like the illustration of iris borer eggs

in "The Gardener's Bug Book" by Cynthia Westcott, but more beautiful. Why are these not observed more often? I have looked for them carefully and not found them again.

A member from Oklahoma reports borers on first-year plants only. She feels sure that the eggs must have been on these plants when they arrived in the mail and were not destroyed by her "usual benlate and clorax soaks before planting."

Concerning wind:

Kathryn Wright in Indiana has her garden in a location that is swept by wind and she thinks this may help to keep the borer population down. With no control except pinching and cutting she has only a few borers—this in an area where a number of iris growers, she says, are shifting to day lilies because of the borer problem.

Concerning weather:

Several members wrote that dryness might help to discourage borers. Bee Warburton, in Massachusetts, said she had almost no borers this year, in spite of not spraying, and reported that "on account of dryness, roots had grown so long and tough that we had to get a backhoe to get out the discards."

Dorothy Yoerg in New York, however, found this was her worst year of infestation.

Mary Herd in Texas has been told that the summers there are too hot for the borer. During this exceptionally hot summer some irises were lost because they were "actually cooked" by the heat.

Concerning spraying and drenching:

Virginia Dolmyer in Illinois warns that she got quite sick from inhaling Cygon 2E and recommends a protective face mask. She sprays foliage and ground with Cygon 2E solution, 2 tbsp. per gallon of water, heavily, about the 15th of April. Of course the ground has previously been cleared of weeds and debris! Subsequent sprayings, about ten days apart, with a weaker solution (1 tbsp. per gallon of water) might have to be done three or four times "if the infestation is heavy or has been heavy the previous year." She and several others recommend additional spraying after bloom season, since young borers have been found invading the leaves then.

Steve Stephenson in Virginia finds that Sevin, used "shortly after new growth starts in the spring and at 10-day intervals until bloom time, practically eliminates the borer." He also finds the borers active again after bloom time. He and a neighbor have observed that "the population of borers is greatly reduced and in some cases eliminated in beds where we have used the weed preventer Decthal."

Currier McEwen in Maine first used Cygon 2E in August of the year he discovered borers in his garden. "In September I dug some of those plants to line out for next year's sale. In the rhizomes were a number of large borers, *all dead*. I believe, therefore, as I've said in the Book, that a spray even that late is worth while." He now sprays first when the leaves are about six inches high and finds this effective.

Jim Ennenga of Nebraska uses Cygon 2E "as both a foliar and soil drench. Out of over 700 clumps of iris, I had borers in only one clump. I think I missed this clump with the spray."

Franklin and Lois Johnson in Illinois soak newly arrived irises in a mixture of "insecticide, fungicide, and a booster such as Rapid-Gro. The soil where the new plants are planted is also sprinkled quite thoroughly with this solution. So far we have never had borer damage in rhizomes that have been growing on our property less than two years."

Paul Smith in Pennsylvania uses Diazinon as the "primary spray. Then when I detect borer activity I spray with a Cygon mixture on the affected plants." A chemical engineer (who also grows irises) has advised him to use warm water in the spray mixture and, when using the mixture, to get as close to the plant as possible. "He claims it takes great pressure to penetrate or to stay on the leaves."

Shrubbery and neighbors:

Several members reported worse trouble near shrubbery and near poorly cleaned neighboring gardens, especially when these contained irises. Ironically, the irises were usually the gift of the person reporting the trouble.

Concerning the brute force method:

Several members reported success in catching the borer in the leaf and squashing him (or her) before it reached the rhizome. William Cassell in New York writes, "By cutting the foliage back July 1 to 4, I

force myself to look at each and every fan and, when necessary, I cut close to the ground to get the borer. He's usually about $\frac{1}{2}$ to $\frac{5}{8}$ inch long by that time and has not yet gotten to the root."

One is reminded of the ad that appeared in farm magazines a few decades ago for a guaranteed potato-bug killer for only five dollars. The farmer who sent his five dollars received two blocks of wood with the instructions "Place bug between blocks and squeeze until dead."

Concerning cannibalism:

Paul Smith in Utah found two leaf tunnels with holes here and there to the outside of the leaf, but only one borer, the only one he has ever seen. Paul Smith in Pennsylvania says he has never found more than one borer per plant. William Cassell in New York says, "Like others, I too find only one borer per fan unless I find very little ones, $\frac{1}{8}$ inch long, earlier in the season."

Lee Eberhard in Ohio has found "two or three borers in the same fan and/or rhizome."

Concerning immune and susceptible varieties:

Lee Eberhardt in Ohio points out that "old cemetery plantings of diploids go on for years without a borer."

William Cassell in New York has a "neighbor up the street who appears to have no trouble with the old diploid kinds."

Currier McEwen in Maine had no trouble with borers for ten years. Then he moved some native *Iris versicolor* plants into his garden from a mile or two up the road. "They proved to be full of borers which gradually spread to Siberians and Japs."

Elaine Hulbert in Connecticut writes that Greenwich, where she lives, "is full of native and naturalized stands of *I. versicolor* and *I. pseudacorus*, so there is no way to eradicate the borer locally." She finds, contrary to the experience of Currier McEwen, that the "Japanese have not been affected at all, and I have many and have had for years. This may be because of lucky incidence of borer hatch and bloom dates here." She then appends to her letter a "Worst list, in addition to tall bearded" including the following: Louisianas, *I. laevigata*, *I. pseudacorus*, *I. versicolor*, *I. virginica*, *I. tectorum*, *I. wilsonii*, *I. milesii*. On the brighter side, she gives us a list of those "free of or resistant to borers," as follows: *I. cristata*, *I. siberica* and *I. sanguinea*, *I. ensata*, some cultivars of *I. versicolor*, the Pacific Coast natives, all the small-rhizome spurias, including *I. graminea*.

Concerning garlic:

Alma Samson of Michigan was about to give up growing irises because of the borer problem when she read an article in a farm paper suggesting that garlic bulblets (which grow at the top of the garlic plant), scattered among iris plants, would prevent borers. She scatters two or three per plant, right on the surface of the ground, among plants spread 1½ feet apart. "The first year after trying this I found two borers and since then I have never found another one." She raises about 150 to 175 varieties. She has given garlic bulblets to friends in Michigan, Illinois, and Indiana and reports that "it works for everybody."

Concerning bad news:

Lee Eberhardt in Ohio reports trouble with "a new type of borer that travels on the ground from clump to clump."

Jim Ennenga in Nebraska is having trouble with a white grub that eats roots, outer tissue, and the entire lower half of many rhizomes.

Concerning good news:

Karen Glasgow of New Zealand, who visited me in September of 1980, reports that there are no borers in all of New Zealand. Immigrant irisarians are welcome.

!!ATTENTION HYBRIDIZERS!!

DENVER '82

Our convention guest beds have reached capacity.

Please do not send guest plants, of any species, after this notice.

Any and all shipments sent to the Guest Iris Chairman in 1981, will not be received or accommodated.

Your cooperation will be greatly appreciated.

Mary Ann Cuthbert, Guest Iris Chairman

Species Gallery

THE PAIRED SPECIES OF IRIS IV

Ray Davidson, WA

An unlikely pair of irises often confused in cultivation consists of an Asian and an American species, both from cold and arid continental regions, making plants that appear much alike as do their seeds. Yet in flowers and ovaries, maturing to the seed capsules, they are quite distinctive, and there are further minor differences by which they may be recognized.

Iris biglumis and *Iris missouriensis*

In many gardens today are certain beardless irises known by the seed-packet name "Iris montana" but which are in reality a form of the Asiatic *Iris biglumis*. This common confusion seems to have originated with a well known British seed house first having misidentified their offering some twenty or more years ago, and seed is still being distributed from plants grown, of course, by the wrong name. Coming as these two do from similar habitats, though continents apart, it should not be surprising that they appear similar, both forming dense, compact clumps of good hard foliage; both are deciduous as one would expect from such origins. Their seed stalks bearing the capsules stand erect through at least one subsequent season, the seed dispersed from the only slightly opened capsule by the catapult action of the winds rattling the stalks. In these ways the two irises are similar, and it is not implausible to speculate they may well have had a common ancestor back in the epoch of iris speciation, eons ago. Both occur in areas subject to flooding and which then bake very hard.

The Asian *Iris biglumis (ensata)*

One of the more common herbaceous plants of the high and dry interior of temperate central Asia, the somewhat variable *Iris biglumis* has been known by a number of names. In fact, each exploring botanist who found it, seems to have given it a christening. Until very

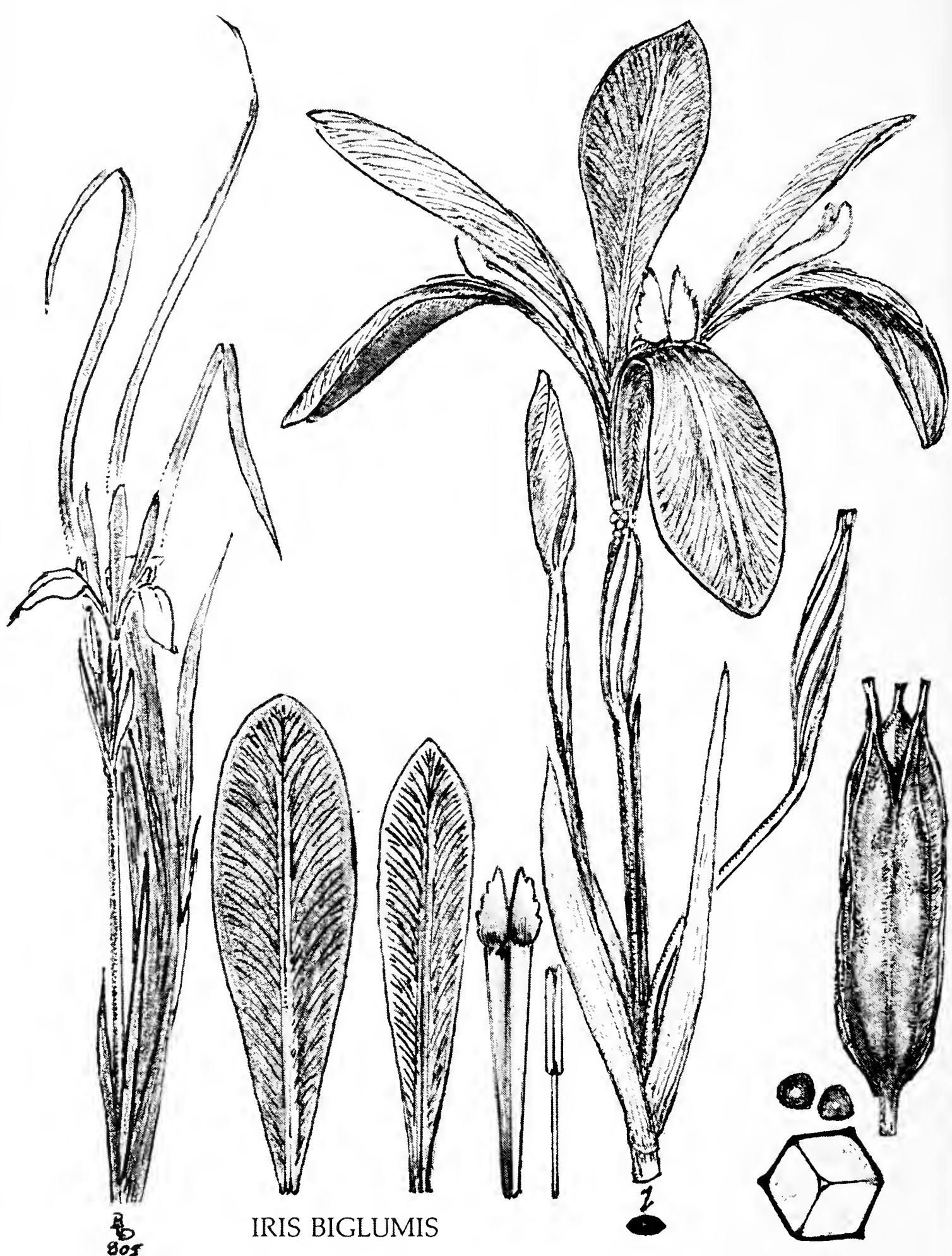
recently both the botanical and horticultural worlds commonly knew it as *I. ensata* Thunberg 1794, as found in the Baikal Basin of Siberia, but we now recognize that the true identity of that collection is the entirely different wet-meadow species familiar as *I. kaempferi*, and accordingly we must now call the steppe plant of the saline or "solanchak" soils by the name *I. biglumis* Vahl 1806, that is, if we consider it all enough alike to belong to a single species.

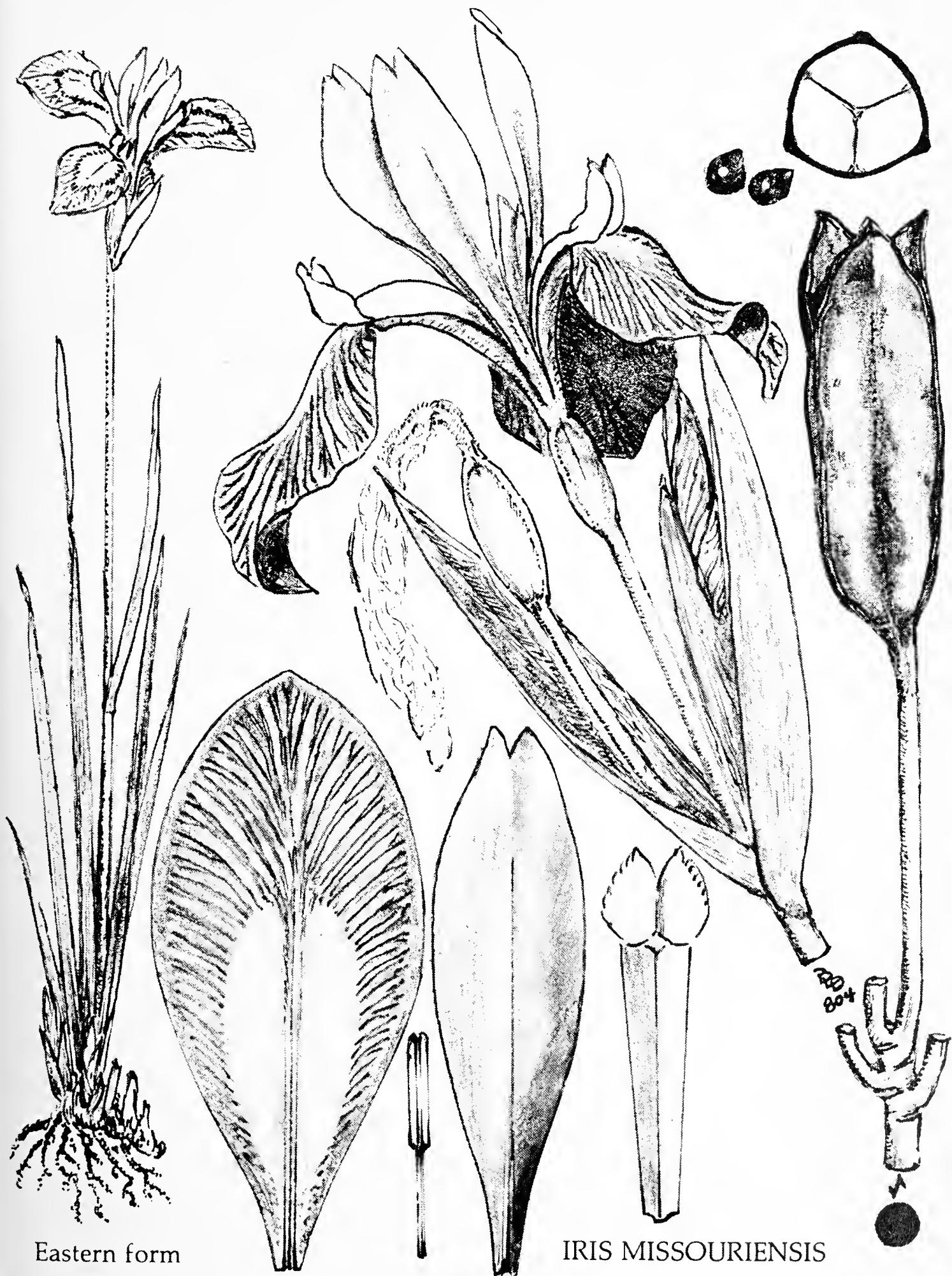
In one form or another this widespread iris occurs from Afghanistan and Kazakhstan in the west, across Tibet, Mongolia, northeast China and to Korea. Lowndes¹ remembered it as one of the glories of the Kashmir Valley, in early spring sheeting the roadside verges with mauve, from nearly white to lilac and all shades of reddish to bluish purple, often with darker markings. The leaves are only poorly developed at flowering and often stained deep purple at the base; they soon lengthen to as much as two feet when they are commonly cut and stored for fodder; this use is unusual since animals rigidly disdain most iris foliage. The leaf fiber is commonly twisted into cordage just as the western American plant was used by the Indians.

Lowndes wondered that, although the Kashmir irises were most spectacular in flower, the same effect seemed never possible in cultivation. Randolph² admired their autumnal re-flowering on the roadsides leading to Srinigar. Rodionenko³ felt that the species held much promise as an ornamental for irrigated desert areas with saline soils, as it formed foliage clumps even more beautiful than the floral display. Farrer⁴ recorded its abundance over many miles of the loess lands of the Sinang District of Kansu, the pretty blue and white flowers scented of hyacinths; he advised a hard, poor soil in a hot starved place if it was to show its floriferousness in cultivation.

Two readily recognizable forms are commonly seen in gardens; others by various names are seldom met with. The miscalled "montana" conforms to the description of *I. lactea* Pallas and has become known as *I. ensata lactea* and as 'Kingdon-Wards form.' A flower of blue standards and white falls mottled pale blue and stained greenish, it is reported as being pleasantly scented and was given the Award of Merit in 1968. Farrer's plant, of which he sent back ample seed, we still grow by his name 'Hyacinthiana,' and it is a flower of wider parts colored with blue veining on a white ground with standards long and pointed. It has often been reported as a reliable reflowering subject in many garden situations.

In spite of the considerably greater knowledge that was extant in the time of Dykes, no one has devised a satisfactory separation by which





these steppe irises may be recognized as more than a single species, and that includes Soviet botanists. Poljakov⁵ attempted to make of them four species based on seed morphology, and Grubov⁶ sought to implement the segregation Maximowicz set out in 1880 of merely two species, while Rodionenko⁷ settled for calling them a single "collective species," much the same conclusion Metcalf⁸ reached in his study of the American Longipetalae.

No matter how they vary, the Ensatae may be distinguished from all other irises by the long, narrow ovary, sometimes with an odd half-twist to it, always with six deeply incised longitudinal grooves, this maturing to a slender, six-ribbed capsule with a sharp beak, splitting only at the beak in dehiscing. The nectaries exude droplets which collect about the perianth tube much as in spurias and xiphiums, while the stalk in cross-section is quite ovate-flattened, rather than round. Known chromosome counts indicate $2n=40$.

American *Iris missouriensis* (*montana* in part)

All the western United States and two Canadian provinces count *I. missouriensis* among their indigenous plants, although DeVries⁸ was of the opinion that it had been "obviously introduced" to British Columbia. A single station for Mexico recorded a century ago has never been refound. This is as variable as are the Ensatae, and like that have been classified under a number of names, as many as four species having been defined. The first, *I. missouriensis* Nuttall 1834 described a Wyeth collection said to be from the "sources of the Missouri"—hence the name—but probably from the Platte drainage near the Continental Divide in Wyoming as determined by Metcalf,⁹ who found that it was commonest occupying a moist zone "between the sage and the sedge" and from near sea-level in Puget Sound (though sage is not associated there) to 10-12,000 ft. Rocky Mountain meadows well watered by snow melt.

Dykes first noted the similarities of these Asian and American Irises in his monograph of 1913, where within the Longipetala Group he assigned two species, *I. missouriensis* and *I. longipetala* Hebert 1840, the latter a huskier plant of evergreen habit from the continentally influenced maritime region centered about San Francisco Bay, plus a third taxon to which he referred as probably only a subspecies, *I. montana*. The name he took from a Nuttall specimen, intending that it designate those irises east of the Rockies with longer leaves and fewer flowers on shorter stalks with pointed rather than blunt or notched

standards. Their color is often a soft "blue" rather than white, veined darker, not unlike the pattern of Farrer's Kansu plant. Often these veins converge in a peacock-eye design, with of course the usual yellow guide lines.

Later (1917) he described the fourth as *I. arizonica* from the southwest, thought to be a good species characterized by both tall stalks and leaves, flowers the size of *longipetala* but colored much as in *montana*, and with as many as 5-7 or more flowers, often borne in more than the single terminal spathe.

Dykes seemed not altogether confident that his four species were warranted; Baker¹⁰ had written he greatly doubted whether *missouriensis* could be any more than an upland form of *longipetala*, a point which Metcalf¹² was to prove through his exhaustive field analysis. The one constant he found in these far-reaching meadows of blue was that those of the Cascade-Sierra had leaf bases stained at least pinkish, some very red, while those of the Rockies were lacking in such coloring. MacKenzie¹³ had reviewed the inconstancy of population in other respects insofar as botanist's concepts were concerned. *Iris missouriensis* may be differentiated from other apogon irises by its short-cylindrical to sub-globose capsule borne on a persistant stalk and confined to non-acid soils, wet in growth periods, then baking. New foliage may be richly glaucous, though turning pallid straw color in summer stress, with the *arizonica* forms more nearly approaching the degree of drought resistance of the Asians in remaining firm and green into autumn.

The ovary is obviously three-angled, developing to a generally larger, trigonal capsule, splitting only at the top. The perianth tube is short, thick and without conspicuous nectar; the spent flower withers to a dry wisp adhering to the top of the ovary rather than being shed, and the stalk is conventionally round in cross section. Reflowering is not accomplished satisfactorily; although buds may develop, they are usually stemless and unable to open. The chromosome count is $2n=88$ or thereabouts.¹⁴

Several clones have been designated for naming but, due to the fact the species does not transplant well, these are not commercially available. The plant which Sir Michael Foster called 'Tollong' is regarded as an altogether fine garden subject and gives satisfactory seedlings: it received the Award of Merit in 1939. Although the Ensatae and Longipetalae are similar in so many respects, no attempts at mating them have met with any success, nor have they entered into many other hybrid combinations.

Species Gallery

References

- 1 Lowndes, D.G. BIS yearbook 1953, reprinted SIGNA p. 754
- 2 Randolph, L.F. AIS bulletin 155 p. 7
- 3 Rodionenko, G.I. Report of the Florence Symposium, 1963
- 4 Farrer, R. unpublished field notes, Kansu-Tibet
1914-15 (SIGNA #25)
- 5 Poljakov, P.P. 1950 (SIGNA #25)
- 6 Grubov, V.I. 1980 (SIGNA p. 639-42)
- 7 Rodionenko, G.I. BIS yearbook 1964 p. 121
- 8 DeVries, B. Canadian Field Naturalist 80,3
- 9 Metcalf, H.N. Unpublished thesis on Longipetalae Apogon
- 10 Baker, J. G. Botanical Magazine t.6579 (1881)
- 12 Metcalf, H.N. The World of Irises p. 295-97
- 13 MacKenzie, A.W. AIS bulletin 104 p. 88-90
- 14 Lenz, L.W. The World of Irises p. 33



As this issue went to press, word was received that Glenn Hanson passed away February 13. An obituary will appear in a future issue. Our condolences.

BULLETIN ADVERTISING RATES

Effective January 1981 Issue

COMMERCIAL DIRECTORY (Four Issues)

One-inch	\$ 30.00	Two-inch	\$ 40.00
Three-inch	\$ 50.00		

DISPLAY ADVERTISING (Single Issue)

One-inch	\$ 25.00	Two-thirds page	\$ 73.00
One-quarter page	31.00	Three-fourths page	82.00
One-third page	40.00	Full page	100.00
One-half page	56.00		

Full page, color \$200.00 plus color separations

Cover ads \$200.00 plus color separations

All advertising copy and photographs, except color which requires individual arrangements, must be received by the Advertising Editor by April 15 (July Issue), July 15 (October Issue), October 15 (January Issue) and January 15 (April Issue.)

Send advertising copy and check payable to The American Iris Society to:

Ms. Kay Nelson, Advertising Editor

P. O. Box 37613

Omaha, NE 68137

FROM POD TO PLANT IN 24 STEPS

Margie Robinson, Kansas

Shirley Needham solicited the following article from Margie Robinson, Region 18 Judges' Training Chairman, for use as a follow-up to our previous basic articles on backyard hybridizing methodology. What does one do with the seeds produced? Here's an answer from the midwest.

1. As soon as pods split at tops, pick. Choose a number for each family.
2. Place each family of seeds in open container labeled with its own number. Record this number in a book with name of both parents, if known, and pod parent first.
3. Let seeds dry in a cool, dry place for about 3 weeks.
4. Soak seeds in a small amount of water for 24 hours.
5. Count seeds and record number of the family in order to determine per centage of germination. Place each family in individual sandwich bags with moistened fine, brown peat moss. Tie bag shut. Label with adhesive tape and permanent marker.
6. Put all individual bags in one big bag, tie shut and place in coldest spot of refrigerator, usually the bottom, back of refrigerator against the wall. Turn pack over once in a while. (Seeds *must* be kept just above freezing.)
7. Check for moisture periodically; add a tablespoon of water if needed.
8. Keep refrigerated until at least the first week of November to avoid premature germination during weather which may be unseasonably warm.
9. Remove seeds from refrigerator and obtain one pound coffee cans with plastic lids. Drive holes in bottom of cans, add pottery pieces, fill two thirds full of fully moistened potting soil.

10. Press seeds into soil one inch deep. Add more moistened soil to cover seeds. Lightly press soil around seeds and cover with light layer of moistened peat moss.
11. Put family number inside surface of can and also outside of can lid, push lid on firmly.
12. Prepare a trench in well drained area of garden.
13. Place cans side by side (even touching) in trench with inch of can above ground. Fill soil solidly around all cans leaving no air space.
14. Through winter, check cans occasionally to be sure soil is moist enough, but also well drained. (May need watering once or twice.)
15. In early spring, lift lids to check for signs of germination.
16. By mid spring germination should have begun. After seeds sprout, raise lids ajar more and more as weather warms up until lid may be removed but left *beside the can* to be replaced in case of freezing weather or hail.
17. When plants are well developed, two or three inches tall, (late spring), line out—(transplant in rows 8 inches apart). Keep families separated and labeled.
18. Use a commercial root stimulation preparation at one half strength at time of transplanting.
19. Two weeks later feed a basic fertilizer without high nitrogen content at one half strength solution. These seedlings will not be fed again until one year from transplanting to encourage bloom.
20. Keep weeded and watered through entire summer. Water occasionally as needed through Fall.
21. In early winter, mulch lightly with prairie hay.
22. In spring, gradually remove mulch and debris. Give plenty of water; cultivate lightly—only enough to keep weed-free.
23. Feed liquid fertilizer after bloom.
24. Discard obviously inferior plants, judging them as they bloom. This gives space for better development of remaining seedlings.

THEY'RE ON THEIR OWN, NOW!

The following material appeared in the REGION 18 BULLETIN, Vol. 22, No. 2, Fall 1980 and is the text of a presentation by Dr. Henderson last June at the International Seminar on Iris and Peonies in Montreal, Quebec, Canada. Dr. Henderson, a member of the Greater Kansas City Iris Society and professor of botany at University of Missouri, Kansas City, is a noted Region 18 hybridizer. We are grateful to the author and Region 18 Editor Annabel Polack for permission to reprint this exceptionally meritorious article.

Preface

O. D. Niswonger

This article should be of particular interest to hybridizers, since an understanding of pigment might aid in the development of new colors or color combinations.

There are basically two kinds of pigments: one type exists inside the cells making up the flower and another that exists in the sap surrounding the cells. There are inhibitors and modifiers that also affect the color of the flower. The various mixtures of these pigments, inhibitors and modifiers give us the endless possibilities of colors in the genus Iris.

There are three layers of cells, basically, in the flowers, and these can vary, especially in the falls. For example, if the outer layer of the falls is transparent and the middle layer is yellow, you will have the cleanest and brightest yellow. Also, the "halo" effect is caused where the outer layer blocks out the middle layer, etc. Read this article in full and treat yourself to a better understanding of how color occurs in our favorite flower.

COLORS & COLOR-PATTERNS IN THE TALL-BEARDED IRIS

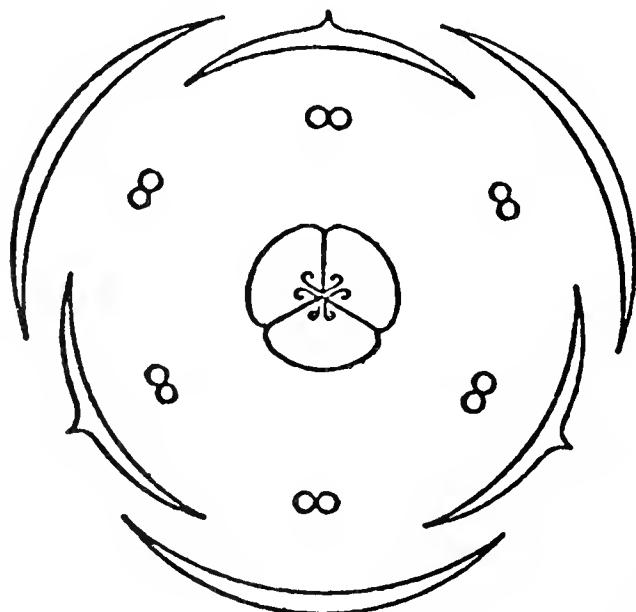
Norlan C. Henderson

In order to understand the expression of color and the pattern of distribution of the pigments in the flower of the iris, it will be beneficial to look at the structure of the flower, at certain parts of the flower, and at the microscopic structure of particular layers of cells.

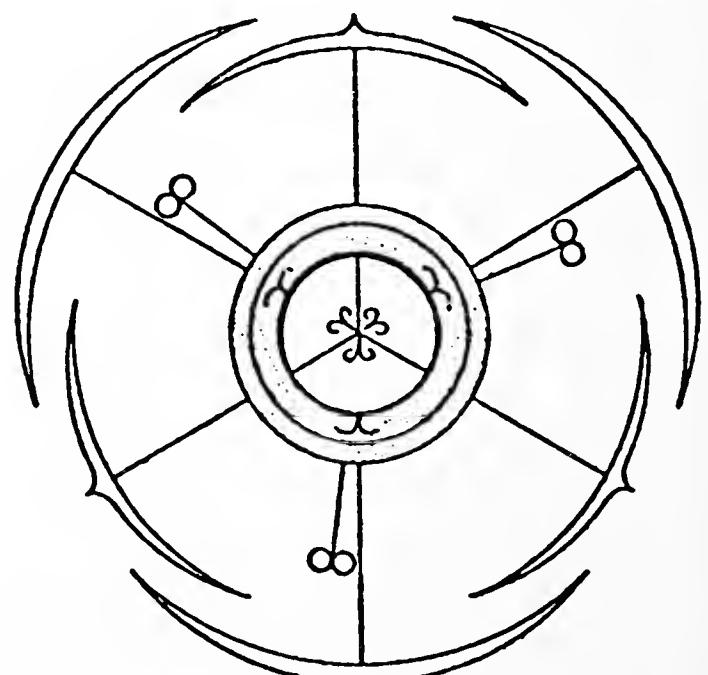
The lily is a good example of what might be referred to as a "typical" monocot flower, is readily visualized, and is considered to be ancestral to the iris. The floral diagram of the lily (Figure 1) clearly demonstrates the position of the various parts of the flower. The outer circle of three parts (sepals) are valvate (i.e., they meet along the edges but do not overlap) and enclose the rest of the flower in the bud. The

inner row (petals) alternate with the sepals and when the flower is open, have much the same appearance in size, coloration, and angle. The six stamens are actually in two rows of three with the outer ones directly in line with the midvein of the sepals and the inner ones in line with the petals. In the center of the flower is the superior three-lobed ovulary with the center line of each lobe in a direct line with the outer row of stamens and the sepals.

In the iris (Figure 2), the bases of the sepals, petals, and stamens are fused with the wall of the ovulary and extend quite some distance above it as a solid perianth-tube, so that the flower parts seem to arise from a point well above the ovulary, which is then referred to as inferior. There are a number of other modifications in the iris flower as it is related to the lily. The sepals and petals are imbricate (i.e., they overlap in a horizontal spiral). As the flower opens, the sepals (falls) spread outward and downward so that the inner surface becomes the upper and outer surface. In the bearded iris, a band of short, dense hairs develops along the midvein near the base of the falls, producing the "beard." The petals (standards) remain in an upright position, usually bowed out but arching back to touch at the tip and closing over the center of the flower. From the center, three petal-like style arms arch upward and outward, alternating with the standards but much shorter. On the outer surface of each style arm and at a short distance below the usually bifid tip, is a small crescent-shaped flap of tissue, the stigmatic lip.



— Figure 1 —
Floral diagram of Lilium



— Figure 2 —
Floral diagram of Iris

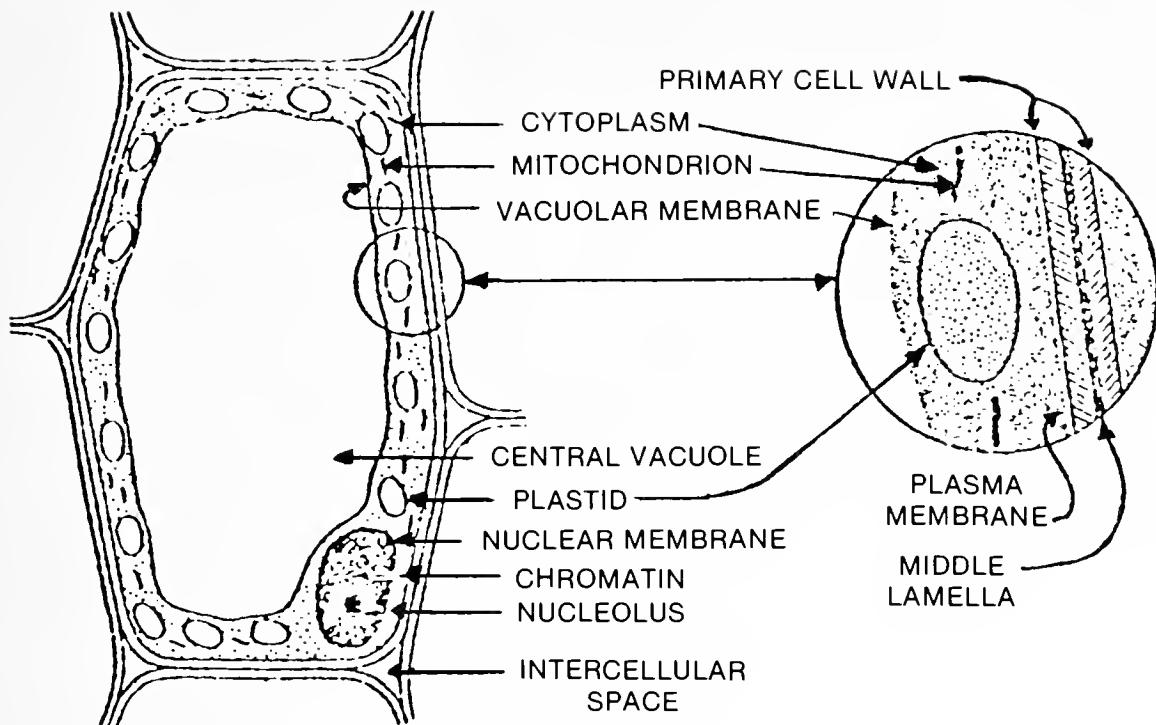


Figure 3
Diagram of a plant cell

The inner row of stamens has been lost. Each of the three stamens of the outer row is produced between the midrib of the fall and the style arm, appressed to the style just below the stigmatic lip. This also places it in direct line with the beard on the base of the fall.

The flaring falls serve as landing areas for the bumblebee, the principle pollinator of the iris flower. The beard and often some converging, contrasting veins at the base serve as signals or honey-guides for the bee. The beard also holds the body of the pollinator in exact line with the stigmatic lip and the stamen. Only the inner surface of the stigmatic lip is receptive to the pollen so that it is necessary that this be pulled outward as the bee moves deeper into the flower, rubbing the pollen adhering to his body onto that inner surface. After feeding on nectar (small nectaries are located at the base of each stamen), the bee backs out of the flower, rubbing his back over the anther and picking up pollen. The stigmatic lip is then pressed tightly against the style arm, preventing self-pollination.

Each plant cell must be considered as a three-dimensional closed box. Figure 3 represents a slice through that box. The cell is completely surrounded by a fairly rigid cell-wall inside of which is a very thin plasma membrane which completely surrounds and encloses the "living" portion of the cell. Immediately inside the membrane is a gel-like substance, the cytoplasm, which contains a number of formed bodies, including the nucleus and several plastids which contain the pigments, chlorophyll, carotene and xanthophyll. Each of these bodies is enclosed in its own membranous sac. The center of the cell is

usually occupied by a vacuole which is separated from the cytoplasm by a vacuolar membrane. The vacuole contains a watery liquid, usually referred to as the cell-sap, and may contain crystals of various kinds, starch grains and dissolved materials such as the flavone and anthocyanin pigments.

The blade of the fall is made up of three basic, but slightly different, layers of cells: an upper epidermis, a middle pad of cells, referred to as the "mesophyll," and a lower epidermis. The epidermal cells, lacking pressure on one face, are usually more or less rounded in surface view. The cells of the upper epidermis may produce small protrusions or papillae which give the surface the appearance of velvet, adding a lustre to the flower due to the alteration of the direction of reflected light as the angle of viewing changes.

The epidermal cells have a minimal amount of cytoplasm, a very small, usually undeveloped plastids, but large vacuoles which may be as much as ninety percent of the total cell volume. The mesophyll cells, on the other hand, have little or no vacuolar space, but many large, well-developed plastids. The cells along the veins, particularly those near the base of the falls, are more typical with both vacuolar space and well-developed plastids.

The pigments of iris flowers are divided into two groups, primarily due to the part of the cell in which they occur. The cell-sap pigments, flavones and anthocyanins, are dissolved in the liquid of the vacuole and are confined to it. The plastid pigments, chlorophylls, carotenes, and xanthophylls occur only in the formed plastids of the cytoplasm.

The flavones are cream, white, or colorless under ordinary light, but fluoresce as orange, blue or violet under ultraviolet. The role of the flavones is still in doubt, but it is generally believed that their presence modifies the expression of the anthocyanins—a co-pigment effect. The fluorescence may have an important role in pollination, since the bumblebees have a broad band of vision in the ultraviolet range.

Although seven different anthocyanidins are known, from brilliant red (pelargonidin) to an almost spectrum blue (delphinidin), only two—malvidin, a red-purple, and delphinidin are known to occur in the bearded iris. Delphinidin is the pigment responsible for all of the blue and blue-violet flowers in the iris.

The chlorophylls are the principle pigments of green leaves and are sufficiently abundant in the opening buds to add a green cast to some of the white and yellow iris. As the buds open, however, most of these disappear except along the major veins near the base of the falls in certain varieties.

Three of the four carotenes that are known to occur are yellow; the other one, lycopene, is red. This is the same pigment responsible for red tomatoes.

The xanthophylls are derived from the carotenes by the addition of one or more atoms of oxygen to the molecule. These seem to fall into two groups, one based on the structure of alpha-carotene, the other on beta-carotene. The ten xanthophylls, which are known to occur in the tall-bearded iris, are of varying hues of yellow and have been found in twenty-nine different combinations, with as many as eight in a single variety or as few as two.

The genetics of the biosynthetic pathways for the pigments have not been completely worked out, but it seems to be necessary to assume that there are at least two very complicated genetic systems involved: one leading to the flavonoids (flavones and anthocyanins), the other to the carotenoids (carotenes and xanthophylls). The two systems must be completely separate with neither having any effect upon the other. In the same manner, the genes controlling the distribution of the pigments (the pattern genes) would exert their influence upon one or the other of the systems, but not on both.

SELF'S

An iris flower that is uniformly colored is said to be self-colored or more simply just a "self." These run the gamut from blue, purple, yellow, pink, orange, maroon, brown, almost black, to white. There are no true reds, spectrum blues, nor greens.

The blues, actually blue-violet, are due to the presence of delphinidin, almost exclusively limited to the epidermal cells. They range from very pale blue through almost every conceivable intensity to deep blue-black. Since the modern tall-bearded iris are mostly tetraploids (four sets of chromosomes in each cell), the genetic complement would explain four different concentrations, the other variables are considered to be the result of modifying genes that have not been identified at the present time. Some modification is accomplished by the presence of one or more flavones and some low, insignificant concentrations of carotenoids. The less amount of yellow pigment present, the more blue the flower appears to be.

The yellows are due to the presence of carotenoids in the mesophyll cells. These can show at their brightest and cleanest only when the epidermal cells are completely transparent and without delphinidin. The yellows range from cream through light yellow, lemon, deep yellow to almost orange. So far no technique has been found that can

give us an accurate quantitative analysis to determine which of the thirteen carotenoids are responsible for all the differences in color, nor can we estimate visually.

The pinks are the result of a recessive gene which modifies part of the carotene synthesis into lycopene. This, so far, is always diluted by usually three other carotenes so that it appears as pink rather than red. Some of the pinks are being crossed with pale blue to bring out a blue-pink coloration rather than being salmon or tangerine pink.

The apricot and orange selfs are in this same genetic system, differing only in the intensity of yellow pigment present in addition to the lycopene. It would seem logical that if it is possible to maintain the pink factor and increase the yellow, it should also be possible to reduce the yellow. This has been done, up to a point. There are some nearly true pinks, but not nearly intense enough to be considered red. Carried to the greatest extreme in the elimination of yellow, there are a number of good red-bearded whites.

The tans, browns, and maroons (not really red at all) are produced by the presence of both sets of pigments. The mesophyll cells lying underneath the epidermis have an abundance of carotenoids in their varying hues, while the epidermal cells will have different concentrations of delphinidin. These colors do not actually blend, except to the human eye. The layering effect produces an unexpected coloration, yellow and blue becoming brown or maroon instead of varying tones of green.

The line of separation between deep blue and blue-black is strictly a matter of opinion as is the point between maroon and red-black. Selective breeding has constantly deepened the intensity of the delphinidin by some unknown modifier or set of modifiers so that buds are often coal-black before opening. The red-black, as in the maroon, is produced by the addition of carotenoids to the deep blue-black.

White is really the absence of pigments, both anthocyanidins and carotenoids. This in itself, however, is not sufficient, but it has been shown that white flowers are the result of an interesting light refraction coupled with an opaqueness of the cells. Genetically there are, as far as delphinidin alone is concerned, three types of white. Two are recessive in nature, each diverting the synthesis at a different step and when crossed have been shown to be complementary. The third and by far the most important is a dominant inhibitor that blocks the development of the anthocyanidin even though genetically the flower should be blue. This inhibitor is also present in most of our modern yellows, pinks, and oranges.

PLICATAS

One of the most popular of the pigment patterns is characterized by a stippling or stitching of delphinidin on an otherwise white or yellow ground flower. If the ground color is white, the spots and stripes are blue to blue-violet or blue-black. If the ground color is yellow, the effect is tan, brown or maroon. This is precisely the same effect of the combination of the two sets of pigments in the selfs. This control is recessive to full delphinidin color. The variability of the pattern goes far beyond what would be possible based upon just a concentration or dosage of the pigment gene. It has been suggested that we may have a multiple-allelic system, in which combinations of the various genes determines the extent of spread of delphinidin over the flower. It is also highly probable that there are other modifiers that affect this pattern. The plicata genes affect the distribution of delphinidin only and have absolutely no effect on the carotenoids.

BICOLORS AND BITONES

Iris variegata, a light yellow iris species from Europe has maroon veining on the falls that spreads in some forms to produce a maroon spot covering the entire blade except for a narrow yellow margin. This spot of deep blue-violet is an overlay since it is restricted to the cells of the upper epidermis. It was discovered that this dominant deep blue-violet could also be added to a recessive white or a light blue-violet flower. If the ground color is white, the flower has white standards and deep blue-violet falls with a white margin. If the ground color is light blue-violet, the standards are light blue-violet and the falls are deeper blue-violet with a lighter margin. This particular pattern carries its own concentration of pigment and does not alter the other pigments that might be present at all. However, if an iris carrying this gene is crossed to an inhibited white, the spot will also be inhibited and thus will not appear. Since this gene came from *I. variegata*, it should be designated the "Variegata-pattern."

In the 1940's a cross between *Iris reichenbachii* and a tall-bearded blue produced another type of bicolor in a variety named Progenitor. This carried a new gene that inhibited the development of anthocyanidin in the standards, but permitted its full development in the falls. This is not an overlay, but is present in both epidermal layers and in the vacuoles, when present, in the mesophyll. There is no border. The gene is not completely dominant so that some forms have light blue standards and the deeper falls. This pattern can also be

put into a yellow iris which then gives yellow standards and maroon falls without a border. This gene affects the distribution of delphinidin only and should be referred to as the "Progenitor-pattern."

In the 1950's a series of yellow bicolors appeared which had white or pale yellow standards and deeper yellow falls. A limited number of similar but improved forms have been developed more recently, but the sharpness of contrast has improved very slowly. The mechanism of genetic control is unknown, but it appears that not all of the yellow pigments are affected by this pattern gene. Delphinidin is not affected at all. Since the sharpest contrast of the earlier ones was in the variety Pinnacle, this has been referred to as the "Pinnacle-pattern."

Attempts have been made, with some success, to alter the yellow of the Pinnacle-pattern to tangerine-pink. The fact that it has not been entirely successful leads us to believe that the pattern does not affect all of the carotenoids equally. It also adds to the assumption that only certain carotenoids are affected by the t-factor (the gene which alters a carotene to lycopene) and that perhaps those carotenoids which are modified by the Pinnacle-pattern are not those modified by the t-factor.

Adding to the confusion is the use of three terms that have been carried over from earlier iris breeding that need to be clarified and/or changed. These terms were: Amoena, white standards and colored falls; Neglecta, light blue standards, deep blue falls; Variegata, yellow standards, maroon falls. The term amoena, therefore, could be and too often is, applied to all three types mentioned above. The term variegata can be applied to two of the groups as can the term neglecta. Yet these do not adequately explain or even suggest the genetic background of any of the groups.

FLAVESCENS

The flavescens pattern is similar to the variegata pattern except it produces a white overlay on a yellow self. It seems to be produced by the development of an opaque spot in the upper epidermis only and does not permit the carotenoids from the mesophyll to show through. Yet the yellow is obvious through the lower epidermis and a clear margin of yellow around the falls. This pattern, although producing the opaqueness in the upper epidermis, has no effect upon the delphinidin development or distribution. If delphinidin is added, genetically, to this pattern, the ground color becomes brown with the spot of blue-violet rather than white or brown. A brown border is, however, evident.

HALO

In the past few years a number of iris varieties have been introduced that have the entire flower edged with a narrow band of gold. With the introduction of the very charming Bride's Halo (Dykes Medal Winner in 1978), the pattern has created enough interest that articles have been written speculating on the origin. It may have arisen as a mutation or recombination in some manner, perhaps in more than one line of breeding. Denver Mint has been suggested, but Coraband has also shown some tendencies toward this halo pattern.

It could also be just a more complete expression of the flavescens pattern. A seedling appeared in my garden with the flavescens pattern on the inner surface of the standards as well as on the upper (inner during development) surface of the falls. This seedling came from a cross between Christmas Angel and Coraband. My Jeanie C, which is a pale sea-lavender also has a gold halo and was from a cross between Denver Mint and Coraband.

COMBINATIONS

In much the same way that the two pigment systems and their various colors have been combined to produce a multitude of interesting colors, the various patterns are also combined with some striking results: flavescens and plicata, Progenitor and plicata (on both white and yellow grounds), flavescens and Progenitor, Progenitor and Pinnacle, and many others. It is the constant challenge and anticipation that keeps us driving to reach "The Impossible Dream."



Remember . . . St. Louis Convention **May 12-16, 1981**

Headquarters: St. Louis Marriott Airport Hotel (314) 423-9700
Convention Register: Sheldon Butt (618) 466-1842
See the last issue for details.

'ELWOOD MOLSEED,' AN EVANSIA HYBRID

Roy Davidson, WA

The late Dr. Molseed had commenced intercrossing garden Evansia irises as a student interested in all things botanical, and especially irises. The family home in the fog belt at Fort Bragg, California proved ideal for their growth, and later he was to establish some of all the same plants on the Berkeley campus of the University of California where he hoped to continue his cytological studies of them and eventually to make Evansias the subject of a doctoral investigation. The paucity of the living material representing the taller Asiatic species and the inaccessibility of their natural habitats lessened the feasibility of the idea, and he changed the doctoral subject to Tigridia, which he studied extensively and eventually monographed.

Molseed wrote in 1962 that he was getting some little seed from hand pollinations but that the bees were doing far better than he. In addition to the seed obtained by his own effort, he planted a great deal of the bee-set seed. The resulting plants were for some years thereafter to be seen among the rhododendrons on the streamside in the botanical garden in Strawberry Canyon, but all was devastated in a flood and the aftermath cleanup when the stream was cleared and redefined at great loss of plant material.

As Dr. Ellis and others have reported, there is a high degree of self sterility amongst these so-called "species" of iris, and we have in cultivation only one or two possible individual clones representing many of them, propagated by division mostly, plus their several hybrids. Entering into Molseed's efforts were mainly the tall Asiatics, *I. confusa* (1 clone); *I. japonica* 'Uwodu,' 'Ledger' and two un-named forms thought to have been those once cataloged by Stillman Berry, one distinctly bluer than others; *I. wattii*, the Johnston clone* and at least one seedling from it, raised by Hannibal from seed provided by Jean Stevens, and the hybrid 'Queen's Grace' raised by Mrs. Stevens from the same bee-set seedlot and thought to have been sired by *I. tectorum*. There were also the *japonica-confusa* hybrids, 'Japowatt,' 'Fairyland' and 'Nada' and the F₂ 'Darjeeling' raised from the last. All but one of Molseed's plants flowered to resemble prior hybrids (no matter what the label read) and that single exception was only extraordinary in that it was so unspectacular; it was in fact, a rather half-size version of others, with slender leafage on a short cane and flowers half the size of most. It appeared as an only "half-endowed" *I. confusa*, so to speak, and lacked the stoloniferous habit of *I. japonica*.



*Art by Alan W. Denny,
first printed in Region 15 publication*

entirely, with increase as small offsets near the base of the cane, forming in time a dense plant ideal for pot culture.

Molseed had given starts of this pygmy to several of his friends, and from the subsequent propagations some were sent to Kew. In March, 1979 a Certificate of Preliminary Commendation, subject to naming, was given it. It is now duly registered as 'Elwood Molseed,' to honor its breeder, dead of cancer at 28.

*Dr. Ellis has demonstrated that The Johnston plant is like of hybrid nature.

WHAT TO PACK FOR CONVENTIONING



The where was Tulsa, last year's convention; the wear was irises—printed, painted, lettered, embroidered or appliqued. These unidentified style-setters never need say, "Pardon my back!"



Photos by William Barr

... . LOOKING BACK



CAN YOU TOP THIS?

Dr. Irene Van de Water, Arizona

A certain iris has been grown by my family for over 60 years. It was probably imported from Germany before World War I, or else it was brought from Henderson's plant emporium in New York City. Three generations of the family have carried it from New York, to Connecticut, to Washington, D.C., to Washington, to California, to Oregon, and lastly to Arizona.

Why have we grown and cherished this particular iris? It has everything that a good ancestor should have. It has been known and grown in its native lands for hundreds of years. It will grow anywhere, in acid or alkaline soil. It is disease resistant, it can be depended upon to bloom every year. It is very floriferous. A clump about two feet across will often bear 16 stalks. The flowers are a light lavender-blue with good texture. They are held upright and well-spaced on tall thin stalks. They make a fine showing when used in landscaping. The foliage is especially noteworthy. It is a glaucous clean gray, so distinctive that the eye can pick it out from other iris without the aid of flowers. It never gets rusty or sickly looking. On top of all these fine qualities it has an overwhelming fragrance. It has such a strong perfume of the grape that this couplet of Omar Khayyam often comes to my mind: "As not a true-believer passing by / But shall be overtaken unaware."

WHAT IRIS IS THIS?

Shull in his book "Rainbow Fragments" give an excellent description and resume of all that was known of *Iris pallida*. He cannot praise it highly enough. His final summary of this iris is that it is *Iris pallida dalmatica* "Princess Beatrice."

His description corresponds exactly with our "family" iris. The only point of divergence is in the strength of its fragrance. Dr. Randolph brought back from the East several variants of *Iris pallida*. One was called "White Mutant." When I crossed this with a white *I. tectorum*, it produced a couple of "dirty dogs."

The reciprocal cross was also made, and a pod was set. Due to a "doggy" accident it did not mature.

And now, after 60 years, and for the first time, our "family" iris had produced a pod. It contained nine fat seeds. The plant was grown in Oregon, and there was a bee hive about 100 feet from it.

So—who was the father?

What will the genetic count be?

Your guess is as good as mine.

HOW TO PUBLICIZE YOUR LOCAL EVENT

Robby Browne, TN

To make a local iris even successful takes footwork, typing, persistence, and time. As publicity director for the past three years of the Memphis Area Iris Society, I have learned some of the ins and outs that might help others.

First, I prepare a **Public Service Announcement**, or PSA for short which includes all pertinent information about the upcoming event. A large letterhead spelling out PSA across the top of the page makes an impressive display. Then I begin the tedious work of typing envelopes to all the local AM and FM radio stations. These may be found in the white pages of the phone book under W, east of the Mississippi or K, west of the Mississippi. To make it easier next time, I prepare a list of all stations with addresses, etc. A follow-up phone call helps publicize the event if you have time because it insures that the PSA has been received. Upon receipt of a PSA, I understand that the radio station is required by law to announce the event if it is truly charitable. It becomes difficult to prove that they haven't announced it, though, since you can't listen to every station and since it is more convenient for the radio station to say they never received it. Thus, the need of the follow-up phone call! **The PSA must be mailed at least 3 weeks before the event.**

The second phase is somewhat more difficult. It involves notifying all the local newspapers. The city-wide newspapers often have Garden and Living Sections [Woman's Section] Editors. These receive PSA's. Also, in Memphis we have sectional shopper's newspapers. These papers will list the events free on the front page, but the space is limited. **Particular attention must be paid to their deadlines.** In the past few years I have tried to expand coverage from this source by adding newspapers from adjacent counties. In Memphis we are able to reach residents in Western and Middle Tennessee, Eastern Arkansas, and Northern Mississippi.

The last facet of the printed press is the magazine. **This group takes 4-5 months advance work.** In Memphis we have a local magazine that is available for PSA's. Sometimes, you may be able to talk them into a special feature article. Also, the regional magazines will give coverage as well as the general gardening magazines.

Commercial television stations are possibly the most important part of a publicity campaign. Usually, local stations have morning and/or

noon interview shows. These take time to arrange. Also, have your interviewees lined up prior to your initial contact. The news departments of television stations also are important. PSA's should be sent to the *Assignments Editor*. Advance coverage is best, but after the fact coverage is better than no coverage at all. Finally, PSA's should be sent to the stations to be run as PSA's. Again a follow-up phone call might be called for here. When a station runs a PSA it is one of usually 30 in a lot. Therefore, the sooner the PSA is in, the more times your 1 in 30 spot will appear.

The local Chamber of Commerce should be notified of the event. Also, I notify the Travelers and Convention Bureau which, in Memphis, is a separate operation from the Chamber. Other newsletters like the Memphis Botanic Garden newsletter are helpful. Two weeks before the local Iris Show a 5 × 2 foot wooden sign is erected along Park Avenue—one of Memphis' major roads that parallels Audubon Park in which the Garden Center [site of our show and the Ketchum Memorial Iris Gardens] is located. In the future I hope to talk the local Public Television Station into filming a P.S.A. for broadcast on all TV stations locally. Also, I hope to get a local advertising agency to donate a jingle for radio coverage. For more information, contact an advertising agency in your area and explain what you want to publicize. They might have other ideas. If they do pass them along.

Finally, I type on the outside of the envelopes:

ATTENTION: PUBLIC SERVICE ANNOUNCEMENT



Coming to Terms



Betty Wood notes, "We have useful descriptive terms that we all understand: 'ruffling,' 'lacing,' 'tucking' and the like. We need a single-word term that we all understand for that rolled-back edge of the falls (and sometimes the standards) that result in a scalloped outline like that in the illustration. I would like to suggest 'scrolled' for this feature since that suggests a rolled up sheet. We may then speak of 'scrolled falls' or perhaps, at first, of 'scrolled-edged falls.' Some people object to them. Others do not. Comments, readers . . . ?

Two opinions on JUDGING

This article is excerpted from the Region 24 Newsletter, Spring 1980, and created by the hybridizer who won the 1978 Dykes Medal with BRIDE'S HALO.

JUDGING SEEDLINGS

Dr. H. C. Mohr, KY

Judging of new seedlings is one of the principal reasons for the existence of the AIS system of Judging and Awards. If it is done properly only superior new cultivars will successfully emerge, and Iris fanciers will not have grounds for complaint that they paid a "big price" for something that turned out to be a "dog". Unfortunately, many judges who are quite competent in evaluating Iris on the show bench try to judge seedlings by the same standards.

We know that a seedling quite commonly does not express its full potential in its first bloom season. This is true especially concerning the height of the stalk, the number and spacing of the branches and bud count. Consequently, these characteristics should not be as heavily weighted in judging the seedling class in a show. *Beauty Uniqueness* also is important in seedlings, since there is little gained in promoting the introduction of what is essentially a "twin", even a "twin" of a previous Dykes Medal winner! We have too many new introductions coming out each year that add little or nothing that is really different from their predecessors. On the other hand, there are many which bring together in one plant a combination of desirable characteristics never before put into "one package." Some of these characteristics that a judge should look for are pigmentation pattern, beard/petal color combination, color clarity and intensity, lace, ruffles, horns and spoons, texture, fragrance, substance, and flower form. Various combinations of these can result in both *beauty and uniqueness* on the show bench. They obviously also should be carefully evaluated in garden judging.

Garden judging is the only really complete method of evaluating seedlings. The guesting of seedlings in convention tour gardens presents an ideal opportunity for exposure of the seedling to a large

number of judges. A primary disadvantage of this is the limited amount of time allowed in each garden. This disadvantage may be overcome in the Regional Test Garden, where there is no time limit and the judge may return several times during bloom season if he lives in the vicinity.

Since seedlings are not judged until the second year after setting in both RTG and Convention gardens, the bloomstalk characteristics (height, branching, bud count, strength) can be evaluated—and plant characteristics (upright or sprawling, leaf pigments, proportion of plant to bloomstalk, disease susceptibility, vigor of growth, amount of increase) can be determined. These all contribute to the total rating of a plant, but usually are not determining factors in whether a judge will vote an award to the seedling. Primarily we grow Iris for *beauty of the flower* and this must be the chief consideration along with the matter of whether the seedling is sufficiently unique that it deserves to be introduced. Our Iris breeders and hybridizers have an abundant supply of the building blocks (genes) to use in construction of the "perfect" Iris, but the problem is putting them all together!

A senior judge expresses somewhat revolutionary thoughts . . .

A Matter of Judgment

Peg Edwards, NY

In many Plant Societies a distinction is made between garden and exhibition varieties. In other cases it is not the variety but the methods of growing and grooming that make the difference.

Exhibition Chrysanthemums are carefully disbudded, trained to a stake, even in many cases shaded for part of the day, so as to persuade them to bloom for the exact show date. Garden varieties are not given all this care, and they are not usually the same varieties.

Dahlias may be the same cultivars but when grown for a show they are staked, pinched, disbudded to produce one super-bloom, or at most four to the plant; garden varieties are encouraged to branch, though they too are often disbudded.

Show Gladiolus are grown in rows, carefully staked, stakes set ready when the corm goes into the ground on the right date for that variety so they will bloom on time.

A pot of *Sinningia* (florist's gloxinia) intended for a show would be grown from a well-developed tuber of a variety that produces several large, spectacular flowers nicely placed at just the right time, while varieties that produce smaller flowers but more of them, stay home. (Of course the dear little *S. pusillas* and their close relatives can serve both purposes with no difference in treatment.)

Other plant societies make no distinction between home and exhibit specimens. Any good rose, well grown, is welcome on the show bench, though it is true that some varieties, which make perfect specimens for shows, are not floriferous to be popular garden plants. Daylilies, narcissus, rhododendron groups all accept the good garden plant as the basis for show judging, and a poor garden specimen is not likely to win on the bench.

At least in theory, irises are judged the same way. We do not segregate our cultivars of TB, for example into exhibition TB and garden TB. Any TB that is well grown and neatly groomed can go on the bench (varietal shows aside). But I have seen TBs win on the show bench that are so low in bud count that I wouldn't have them in my garden, gorgeous though the individual flower may be. I have heard a judge comment that a stalk with perfect placement of bud was, all by itself, a Japanese arrangement; a fine sight, but as it didn't have an open flower at the top socket he didn't think it rated a first. I'm afraid the other judge and I kind of clobbered him; however he got his revenge later. Another stalk in the same class had five flowers open, and when visitors asked him why it did not win he referred them to us. I never did get to see the whole of that show!

I think it all boils down to one point: what is the theory of an iris show (of any show for that matter?) Is it to let the grower show off the most spectacular bloom of that type and color in his garden at that time, or is it to inform and educate the public as to what they could grow in their gardens with reasonable care?

Certainly the average gardener is not going to grow good mums for example, if in order to get the exquisite and tender varieties of spider mum to bloom he must shade them at the precise hour and minute each day for the precise number of days, beginning on the precise date, in order to delude them into thinking that winter is coming and they must set their buds—a month or more early.

Nor will he turn a good part of his garden into a militant array of

6-foot stakes from early spring till fall in order to have show-quality Dahlias. He would say, and I believe rightly, that it may be growing plants, but it isn't having a garden. I mean, you have to be real kooks like us to do that sort of thing. But when he buys an iris that was very beautiful with three flowers out, at the show he went to in the spring, and the next spring it sends up one stalk and blooms for a total of ten days, he is likely to be somewhat disappointed, to say the least. He will be still more disappointed if that one stalk falls over in a show because the weight of two open, wet blooms is more than the stem can support (we don't all have nice heavy adobe clay to grow them in); under the weight of their flowers. That gardener is likely to be as boiling mad at the modern iris.

Perhaps he had bought a few others, maybe older varieties, maybe fairly new ones but with not quite such spectacular flowers, but with 8 or 10 buds, staying in bloom for almost three weeks, and with stalks strong enough to carry the load—and more enthusiasm for increasing. In this case he might conclude that there are modern irises that are worth growing, and he'll just have to look them over carefully before buying to make sure he gets that kind instead of the 'show varieties.' Who knows, he might join AIS!

Isn't this the attitude we should be encouraging in our show visitors? Isn't this the type of Iris we should be exhibiting to our guests? Shouldn't our judging standards for the show bench be weighted more in this direction than it presently is, at least in practice? We are told to judge the specimen on the basis of what is there and visible. We are not supposed to handle the flowers or stalks to determine how many spent blooms have been removed or how many buds may still be in the socket. We must ignore the characteristic, important to the untutored visitor coming to the show to learn about good irises, of how long this variety could make a show in the garden. We give lip service to the idea of a stalk that is strong enough to hold its load erect; but I've seen more than one Best in Show—brought in the night before with one open bloom and two buds ready to go—that met a mild breeze as it departed with its rosette and snapped off. That stalk wasn't really strong enough, was it?

We consider the characteristics of the individual flower very carefully: texture, substance, shape, coloring. If the primary purpose of a show is to let the exhibitor show off, then the individual flower is the most important aspect of the exhibit specimen; but if the show is aimed at enlightening the uninformed, we should not give so much more weight to the flower than to the rest of the characteristics of the

stalk. It is possible to judge the number of buds in each socket without fingering the flower, if the specimens to be judged stand, well spaced, on fairly low tables so the judges can look down into the spathes (this would also put the specimens more nearly at their normal garden height.) We do give attention to the branching, placement of branch on stalk, et cetera.

Should we give these matters more attention than we do now? Or should we, possibly, ignore it all? No, don't laugh. There is a type of show in which only the flower itself is shown and judged. Some rose shows, for instance, have classes in which all that can be seen of the stalk is the flower itself—the containers are set under holes in a board (often painted black or dark green, or covered with a black cloth) and the rose stems, stripped of foliage, are cut to a precise length so that the flower is held about an inch above the board.

A similar system is sometimes used in showing carnations, and this method is occasionally used in England, where I understand it originated, for mums, and for single blooms of glads. Where it is used for varietal showing—all the entries in one class being of the same cultivar—it can be quite attractive, and I suppose it could be applied to Irises. But I don't think I'd like to visit such a show, never mind judging it. To my mind it is not the flower alone, but the total effect of the stalk, with each part in proper relationship to each other part, that makes the perfect specimen and the spectacular thing it is.

As I'm sure you have guessed, I believe that shows should be primarily educational, and a means of encouraging non-members to get excited about the genus and join AIS. Moreover, I believe that this requires the judges, in considering show specimens, to adhere as closely to field-judging standards as can be done with the presentation of a single stalk. Obviously we can't consider the total plant on the show bench. (Imagine having to lug washtubs with a good clump of flowering stalks from home to a show!)

But, I think we should consider specific things. How long would this stalk stay in bloom? It is branched in such a way as to interfere with other stalks in a mature clump? Could this stalk stay up without staking in a spring shower? Would it, all by itself, be an attractive one to bring indoors to enjoy at close range—serving with a couple of leaves, as a flower arrangement? Does the form of the flower please, or is it too plain or too confused to be as graceful as it ought to be? In a patterned flower, is the pattern compatible with the architecture of the flower or do these qualities rather work against each other? I've seen plicatas (which I adored even before they became stylish) in which the

markings are far too busy for the sculptured form—and downright awful on a ruffled one.

I'm sure you could think of other questions that might be asked. We ask ourselves these questions when judging in the field; why not at the show bench?

Okay, I've said my say. Anyone wanna fight?



Hillview Gardens

LILLY GARTMAN

18461 Hillview Dr. Los Gatos, CA 95030

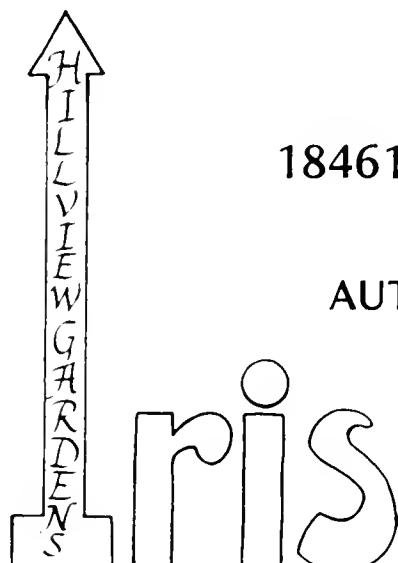
Introducing in 1981

AUTUMN HEIRESS (Gartman '81) TB, 35½"

(Buffy x Feminine Charm)

Ruffled pink and yellow blend.

Reliable rebloomer here in Los Gatos.



Send for free catalog



WILD IRIS

by

Brett Harper

A delightful original, new 4-color silkscreen print.
Hand pulled by the artist. 275 signed and numbered.
Size 14 1/2 x 20 1/2". \$30 plus UPS shipping.

Brett Harper, 699 Reynard Ave.,
Cincinnati, OH 45231
Telephone: 513/522-0545.



Domestic News

Fred Stephenson, Editor

AN AMBITIOUS PROJECT

Trails West Iris Society of Region 21 is a relative newcomer but in the short period of its existence has launched a program that would be a credit to any long established group in AIS. Its major goals are a public educational slide program, annual flower shows and an iris display garden.

In cooperation with the University of Nebraska Panhandle Station at Scottsbluff the Society is establishing an iris display garden on the campus for a twofold purpose: to educate the people in the area, regarding the many varieties adaptable to the local culture, and also to contribute to the beauty of Nebraska. This garden will be coordinated with landscaping and planting underway at the Station. In time, all plantings surrounding the Station will provide the public with a perpetual horticultural tour. The educational purpose of the garden exemplifies the goal set forth in the Society By-Laws: "to educate the people in the culture of irises, educating not only ourselves, and our members, but all interested residents in the area." When the garden is completed and performing, "on the spot" educational tours will be sponsored.

A formal design was chosen which included rustic rock paths rather than harsh concrete which would also be more expensive. The design chosen will enable plantings of some of every type of irises at either end, the emphasis will be on reblooming and ever-blooming varieties of irises. The central Japanese garden will be covered with a lattice canopy. The MDB and SDB beds will be raised. Bird baths, benches and sculptures will be added to complete the decor. Low spreading annuals will carry out a continuation of color and bloom long after

the end of the iris season. The plantings will include MDB, SDB, MTB, BB, IB, AB, TB, Japanese, Siberian, Spuria, Dutch, novelties, remontants and a few pure arils. Also included will be a "granny's garden" of very old irises for the purpose of comparing progress to date. Also included will be some species. One section has been reserved for experimentation in the growth of other iris varieties. Perhaps, as breeding allows, some of the more hardy Louisianas will be added.

Construction on the garden was begun in the Spring of 1980 and completion tentatively set for Spring 1981, with planting to be done in July and August.

The total care of the garden, aside from the watering, will be the sole responsibility of the Society members. The Society will be responsible for raising all monies needed for construction costs and assisting with the construction, as well as planting and tending the garden. Regular Society meetings will be held at the Station, making it easy to maintain close scrutiny on their "love child."

Patricia Randall, Route 1, Box 175, Bayard NE 69334 is President of the Society. She states the following: "Though we will be soliciting all types of donations, we will of course, be most appreciative of any donations pledged from interested readers. We would like to hear from all, regarding wishes, thoughts, and suggestions." Patricia also adds: "I am most anxiously awaiting the Spring season, and am hopeful that our Society continues to prosper and achieve."

(*Ed. note: It is hoped that Bulletin readers will want to assist these ambitious people with many gifts of irises from your plantings.*)

NEWSLETTER NOTES

"The judge in the region (Region 22) who has the most hours of training during the previous three years is awarded a rhizome of a recently introduced iris. ----- Some judges fulfill this requirement (five hours of training every three years) only when they are told they must attend a school or be dropped as a judge. ----- So, we decided that rewarding a judge for giving extra effort to improve himself might encourage all our judges to attend more training sessions. If it does, our regional judging will have to improve." (Oct. '80 REGION 22 NEWS)

80 iris "bugs" attending Iris Connoisseurs Of Michigan meeting hosted by The Grand Valley Iris Society were pleasantly surprised by the following: "Everyone was given a card with the name of an Iris

(swapping was permitted). At last, you put your name on the card and handed it in. Next year, that iris will be given you by a Grand Valley grower." (Dec. '80 Region 6 of AIS Newsletter)

MORE ON RIVER FARM PROJECT

In correspondence concerning the horticultural aspects of the River Farm Project as revealed in the January BULLETIN, Claire Barr, RVP Region 4 writes: "Exciting as the possibilities are for all these plans, we found cause for some excitement also in another aspect of River Farm. The main house is beautifully furnished and it has a library and a large ballroom open to any plant society as a meeting room. Quoting from a brochure on the whole project, 'The stalwart main home, developed through addition to the historic dwelling cherished by our first President, is a fitting permanent home for the American Horticultural Society. It is here that AHS is establishing a national center where all scientific, professional and amateur horticultural organizations who wish to do so may be sheltered in one facility,' " Claire has expressed the hope that many from AIS will visit River Farm in the coming years.



Photo by William Barr

Rear wing of the main house at River Farm, now American Horticultural Society headquarters and iris display site.



International News

Bee Warburton, Editor

Irises in Japan

"This book is for educational reading, to show the relationship between people and Iris through culture and history."—Akira Horinaka, founder and current president of the Japan Iris Society.

Akira sent us a copy of the delightful book that he coauthored with Dr. Tomino, who wrote the material on the Japanese natives while Horinaka wrote the section about non-Japanese beardless and bearded irises. He informs us that the text of the book includes both Japanese and non-Japanese poems and legends, and discussion of the personalities involved in the development of modern irises, with particular emphasis on tall bearded. Among the illustrations are, in fact, photographs of the Foster Plaque and the Dykes Medal.

The text looks fascinating . . . if we could only read Japanese! However, it is well illustrated including some excellent color photos of American bearded irises. In response to my plea, Akira sent me their names in Japanese, and in English. They are: HAPPY HALO, RUFFLED BALLET, TRIPPLE RIPPLE, FIVE STAR ADMIRAL, KILT LILT, RASPBERRY BLUSH, NEON MAGIC and ROYAL HOST, all made from his own slides.

In addition, there is a photograph of a tall bearded raised by Horinaka himself, and it looks a lovely ruffled white of fine form, with the name of HAKUCHONOUTA, which translates as "Song of Swan." There are also black and white pictures presenting Siberian, Louisiana and California iris types, and one of the far-out beardless hybrids for which Horinaka is noted.

Among the color illustrations of irises in art in the front of the book is a reproduction of a "National Treasure," by Japan's most famous painter, Korin Agata. It is a double-page spread of repeated

laevigata plants, with their graceful green foliage and dark blue flowers against a gold background. Just at the time the book arrived, my daughter found me a greeting card carrying this beautiful design, with its background like pure gold leaf, to honor my brother's Golden Wedding anniversary. Since my brother and his wife are both devoted gardeners, it could hardly have been more appropriate.

Unfortunately, the bearded irises do not grow well in the warmer parts of Japan because of the high humidity. Arika has lost many of his plants, but a number are still growing for him. He adds that the Japan Iris Society has held many display shows every year in many places, and that he has written many articles for books and magazines in his country. He is one of the authors of *The World of Irises*.

It was a pleasure this year to receive an inquiry from the first woman in Japan who has expressed an interest in the small bearded irises. We referred her to Horinaka and she wrote that she had got in touch with him. It was especially gratifying that Akira's book included a good picture of Melba Hamblen's RASPBERRY BLUSH, that most beautiful intermediate. We hope it inspires our lady friend.

* * * * *

Akira has also sent us not only plants of his far-out hybrids, of *versicolor* × *laevigata* and *pseudacorus* × *kaempferi*, but also a number of packets of seed from his *laevigata* collection. Most of these involve a variety named Orizuru, which is listed as obsolete in the '39 check list. From my correspondence with fanciers in Japan, it would seem that no Japanese variety should be declared obsolete without thorough investigation. However, there was great confusion in varietal names when irises were first imported from Japan, and many were ruthlessly renamed by dealers in the USA; many, but not all, were straightened out by the efforts of George Reed and his Japanese consultants. In any case, Orizuru is translated as "Paper Folded into Shape of Crane." I do hope for good luck in growing these.

SWITZERLAND

Dr. Robert Egli, a Swiss member of AIS, has been working for some years on rather difficult species projects. He is a scientist and prefers to make no comment on his work until he feels competent to make a final report, but he did make a brief progress note in his Christmas message: "I am not yet ready for a report on the hybrids of *I. sibirica*

\times *I. setosa*. Still I wait for a better form using a good curved *I. setosa interior*, and of course, with two purple parents. Bit O succeeded in 1980 with a white *tectorum* with a higher stem of about 40 cm and several flowers. I also got seeds from blue *tectorum* (high stem) with the variegated form of *I. pallida*. If that will give seedlings?"

Dr. Egli's son, Peter Egli, makes woodcuts of his father's species flowers for greeting cards. Woodcuts have a special charm, and we particularly like the 1980 Christmas greeting, representing *I. wilsonii*, a rather scarce yellow Chinese Siberian.

Wild Forms of *Iris kaempferi*

Several years ago Michio Cozuca sent me a plant of *I. kaempferi* with parts in five, even, he said, to five compartments in the capsules it occasionally formed. Unfortunately, this plant disappeared without blooming. Recently work at indexing the AIS Bulletins brought to my attention an article by Dr. Miyazawa (BAIS #17, October 1925) in which he discussed a species variant in fives, named JUNI-HITOE, translated in the check list as "Elaborate Court Gown." This, with its varieties "pentapetala," and "quadripetala," are all marked with asterisks for obsolescence.

To queries, Michio responded promptly, with the following information:

1) True wild varieties

- a) Ordinary dark red one—three petals, botanical type.

Source: anywhere in Japan suitable for this Iris, but mainly the northern part.

- b) Same as the ordinary dark red one but white flowering.

Source: many years ago this was found once in a mountainous place called "Kiso-Dani" (Kiso Valley), about 80 km northeast of Nagoya; very rarely we can find a few places of white flowering plants among many dark red ones.

- c) A bluish purple flowering one, similar in color to wild *Iris laevigata*, but otherwise like the ordinary dark red one.

Source: I know of only one place for this color form—in Nagoya, very close to my address.

2) Wild form varieties

- a) A bitone one—the standards are purple and the falls are white with purple veins (not pure white), same form as the type.

Source: Today unknown in the wild; is called Matsusaka Hohanashobu (Wild Hanashobu from Matsusaka), a city

about 60 km west of Nagoya, and perhaps it was once found there.

- b) Five-petal form, surely similar to the "Juni-hitoe" cited by Dr. Miyazawa; as he said, this breeds true when selfed, but with poor capsules and poor seeds. They say that with those seeds Dr Miyazawa created a few horticultural forms many years ago (perhaps 50 years) but I have not seen them.

Source: It is surely a wild species found in a district near Nagoya called Toyota (where are found the factories of the famous Toyota cars). A lover of Iris kaempferi living in this town had this growing in his garden; when Dr. Tomino and I visited him we saw this five-petal variety flowering there. It is not known in the wild today, but is quite similar to the "Juni-hitoe" and is probably related to it in Dr. Tamino's opinion. The rhizome I sent you is from this same plant.

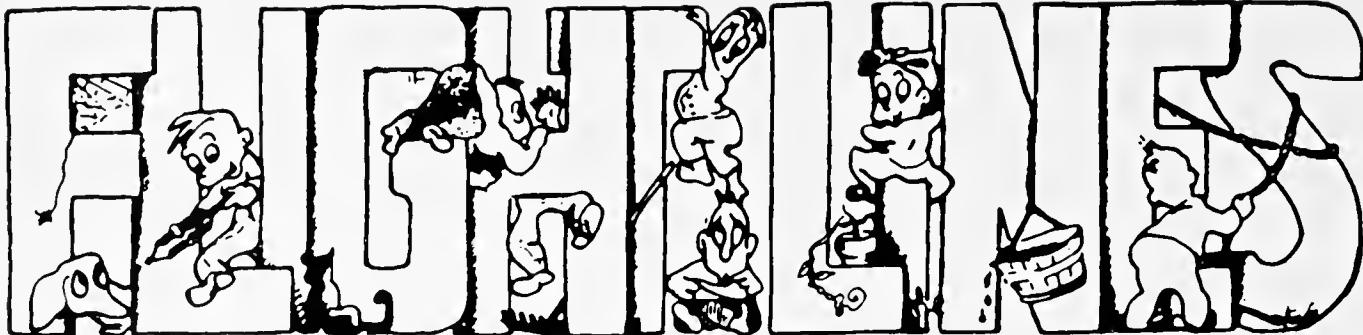
- c) The dark red one with variegated leaves. It has quite low foliage, but its flowers are quite similar to those of the ordinary one. It is not known in the wild today.

Reblooming Japanese Iris?

Adolph Vogt, President of the Society for Japanese Irises, received a note from Joachim Langfeld of Berlin, Germany, dated October 25th, 1980, telling of a most unusual occurrence . . . in his words, "It will be as funny for you as it is for me to know that 'Raspberry Rimmed' blooms today! There are two magnificent stalks from a plant planted last autumn, good branching; today it is the second flower on the main stalk, the other buds (two branches on each stalk) did not yet open. Temperatures are now near 0 degrees C at night, even below on the ground."

Currier McEwen, whose Japanese Iris introduction this is, has been having magnificent success with reblooming Siberians, and has been working on rebloom in the Japanese. Sounds hopeful!

Remember! New AIS Membership forms are available from the Secretary. Order some to give to friends and have a stack on hand for local iris events.



Sam Reece, Editor
1843 E. Brown Ave., Fresno, CA 93703

Fragrance

Barbara Benson, Lubbock, TX: *I. unguicularis* bloomed in mid-January during an unseasonably warm spell. Mine is a violet color and quite fragrant. Although normally too cold here for it to bloom, it has done so, outdoors, for the past three years. About 5 years ago Otis Skinner gave me a start and advised growing it in a pot in the house. I tried this for two years. It did not bloom, so I sunk pot and all at the base of a dead tree in a warm protected spot. Sure enough, under a thick layer of oak leaves, (still in the pot) it bloomed nicely the following winter and has done so ever since.

When I mentioned susceptibility to rot being frequent among the very fragrant iris, I did not mean winter-kill but rather a tendency to develop rot in the summer time. When I read Louise's (Smith) bit about being attractive to "varmints," I noticed that sow bugs love the rhizomes of fragrant iris better than the less-fragrant ones. During the summer they (sow bugs) do considerable mechanical damage to the rhizomes during the dry spells and apparently the rot organisms (bacterial) penetrate and cause the problem. If I catch the sow bugs in the act, a little scouring powder with bleach added, sprinkled on the injured spot, usually prevents any bacterial damage. CRYSTAL CANYON, CAROLINA FRAGRANCE and BLUE SURPRISE, all very fragrant here under any circumstances, are particularly attractive to the pests.

We live on the southern edge of the Great Plains at an altitude of 3250 feet. It is very cold in the winter and very hot in summer. The annual rainfall is 18 inches. Our soil is slightly alkaline and naturally very rich loam with a little sand. Our water is very alkaline and using too much of it causes problems. Therefore, in order to conserve moisture, I mulch about 2-3" over everything with a mixture of 20% cottonseed meal and 80% cottonseed hulls which we buy by the 100 lbs. at the local cotton oil mill. The mixture is sacked and sold as cattle feed. I use about half as much water as most people, and my soil does

not become as mineral-laden as most. Also, I am an organic gardener and bury garbage, leaves, grass, etc., right in place as I do not have time to compost. The only irises that will not grow here are the Japanese; they absolutely refuse under the most careful of conditions.

It seems as if many of the rebloomers are more fragrant in the fall—perhaps the fragrance doesn't dissipate as much in the cool weather.

Sometimes I use Epsom salts and 20 Mule Team borax on my iris. It strengthens and intensifies the blue pigments. If your soil is badly leached, you might try a tablespoonful of each around each clump. My soil has so much organic material in it that neither the acidity nor the alkalinity has much effect on it. The decomposing organic material seems to have an amphoteric effect that permits a very wide variety of plants to grow in the same medium. I grow arils, arilbreds, spurias, bearded, beardless (Louisiana) all in the same beds and they do very well all mixed together.

Brian Clough, Michigan City, IN: I have noticed that reblooming iris almost always have fragrance. Especially in the fall bloom, the fragrance almost takes you to the seventh heaven when you are in the same room with them. Just a few reblooming irises that have a fragrance are sometimes more powerful than a garden of spring bloomers. Could there be something in rebloomers that carry the F gene?

Louise Smith, Williamsburg, VA: If iris scents are listed on the Registration Form, and only by the hybridizer, there would be only one scent listed, that of the hybridizer's conception. Then, if only the comparative statement were used, such as slight, quite, very, none, or umpt. or both, no specific F. would have to be named and all arguments would be eliminated. Yes, I agree that saying an iris "smells like . . ." is more fun and more interesting, but it is better to eliminate silly arguments about whose nose is getting the correct interpretation simply by just stating the strength of the scent. Too, if the hybridizer did not wish to make any comment at all about the scent of his introduction . . . well, it would be an optional request . . . he certainly would never *have* to comment.

Lloyd Zurbrigg, Radford, VA: I recall seeing RAMESES, KING TUT, LENT A. WILLIAMSON and DOLLY MADISON, but do not recall them from fragrance. That was in the days immediately following the "ban"

on fragrance, and it was a characteristic to which little attention was paid. JUNIATA was the parent of LAVENDER (Bickle), and I recall having seen both, but did not notice fragrance. I would say that *I. pallida* figured heavily in their makeup, and LAVENDER was one whale of a grower. It was left behind in the race for lace and ruffles.

In regard to rebloomers, it is very important to distinguish between cold-climate rebloomers and warm-climate rebloomers. VALHALLA and many of the Craig rebloomers are of the latter category, and do not rebloom in climates with cold winters. I tried most of them personally, and found that RED POLISH and SKY QUEEN were the only two that succeeded here. SKY QUEEN was fragrant, I believe, but was tender. But as one correspondent put it, "It grows faster than it rots." Hence, it has been in most eastern remontant gardens, and I have used it quite a little in my breeding. It gives more size than most earlier remontants did.

Here we are the victims of the Japanese beetles. They seem to prefer the light-colored iris, yellow, pink and white, but I also believe that fragrance attracts them. I, too, use Comet, preferably a freshly opened can which has more chlorine in it, for some rhizome problems.

Culture

Edith Thompson, Pekin, IN: I did not have a single borer this year. I used the same spray I use on my roses—Ortho Systemic Food and Spray.

Eutha Hamblen, Canyon, TX: When I get an order, if TB's, I soak the rhizomes in a solution of vitamin B and water for 30 minutes or more. The roots soften up, and can be spread out better when planting. The dead roots can then be snipped off when planted, then I pour the remaining solution around the plant.

Wauneta Rummel, Halifax, PA: I spread Treflan on the new and old beds we did over and, boy, did it ever work. *No weeds!* It keeps the seeds from sprouting. I put it on in July, and so far it is still working. I have no idea how long it lasts. I cannot tell so far if it hurts the iris—to date no damage. They seem slow in getting started, but that may be due to the dry weather. So nice not to have a weed when one is busy at other things, and it is so hot!

Bee Warburton, Westboro, MA: My irises have never looked better, not even any foliage problems. The only problem is that rain actually makes holes in the flowers . . . and in almost all of them. I am beginning to wonder if we will have to breed everything for resistance to "acid rain," because that's what Sarah Tiffney and I think must be the cause of the holes. It looks as if a black swarm of some insect had been at them, but there are no insects in sight, and it happens only after rain.

Cleo Palmer, Geary, OK: The 5% Treflan granules I use can either be spread and incorporated into the soil and then watered or spread on top and watered into the soil. Incorporation takes only $\frac{1}{4}$ as much as spreading on top and watering into the soil. That is one pound per 544.5 square feet if just broadcast and watered, and 2178 square feet per pound if incorporated into the soil and then watered. It is biodegradable by sunlight, so needs to be incorporated into the soil within 4 hours, preferably, immediately, or watered in as the case may be.

Historical

Irene Pyle, DeGraff, OH: The old irises which I have left and the MTBs that I have were very pretty this year. We have had abundant rain, and it seemed to me colors were richer. WHITE KNIGHT was such a pure glistening white. HOKO very rich, and FAIRY and VICTORINE were gloriously scented. RHEIN NIXE had purity of color. MADAME CHEREAU is dainty, but the foliage is rich and beautiful. SHERWIN WRIGHT brightens the garden.

Hybridizing

Cleo Palmer, Geary, OK: A spraying or two with streptomycin may prevent the pods from rotting off. It works extremely well on those that are noticed to have the slime rot as the pod is beginning to develop, whether it be on the stalk or the pod. The spray may reduce the causing bacteria numbers to the point that it severely reduces the likelihood of it causing rot.

I have found that pollen sent through the mail in small envelopes gets pretty well crushed by the postal machinery, and thus arrives in a rather useless state. However, if one ships it either in gelatin capsules

or envelopes and packaged in a specially designed cardboard container, it will arrive in good shape and work nearly as well as fresh pollen. I usually cut out a square hole in one - two - or 3 - pieces of cardboard, sufficiently large enough to accommodate the quantity to be shipped. These then are glued together with the holes matched. Then glue a solid sheet on top and bottom—enclosing contents of course before the last one is put in place. Address and mail, and it should arrive in good shape if it was dry enough when shipped. It is preferable to glue all together except the last outside lid and let dry for several days or a week, as it will cut down on the moisture contained in the glue. With well sealed capsules it would not make much difference but with envelopes it could.

General and TB

Shirley Bruggeman, Loma, CO: Three years ago we had a severe drought and our irrigation water was low, so we started watering our yard from a spring. The spring water had some alkali in it, but I didn't think it was enough to hurt. Now I have discovered alkali built up around the rhizomes, and it is causing rot as well as locking up the fertilizer. We now have changed back to regular irrigation water—this comes by canal from the Colorado River. Hopefully, we can correct the buildup.

Edla Washburn, Smithfield, NC: I didn't have many irises set seed this year; it was so dry. Also, it was so hot last summer that I couldn't get my beds replanted until August, when I worked in early morning or late evening. I have bred a nice white, WINGS OF DAWN, that is large and looks almost like a big bundle of white feathers. I love it and hope to introduce it next year. I've found that large iris seeds come up first and grow better than medium or small seeds.

Dorothy Brandon, Bald Knob, AR: Recently, a new iris club was organized near me. A lady who lives 12 miles away wrote me about it, and four of us in my town became charter members. We're starting with 12 members, have had our second meeting, and I think we'll enjoy it. Several members are new at growing irises, and I believe we can help each other and have fun, too.

Bill Clough, Pittsfield, PA: Last year I sprayed my old irises with Atrex (with $\frac{1}{3}$ less Atrex than is used on corn). It worked fine, killing

the weeds and not hurting the irises. This spring there were few weeds and some crabgrass growing in those I sprayed last year, so I hit them again. I found the Atrex did not kill the crabgrass, but it did clean out all the other weeds. I had to pull all the crabgrass out by hand, and now I have a patch free of all weeds. There were some eight rows in the part I sprayed. It did damage the irises somewhat; some leaf tips turned brown. I got to thinking why this happened. I bet it was because I sprayed them last August, which would make two sprayings of Atrex in less than a year. I think that if a whole year had passed between sprayings, this damage might not have occurred.

AIS MEMBERSHIP RATES

Annual	\$ 9.50	Sustaining	\$ 20.00
Triennial	23.75*	Research.....	47.50
Family	11.50	Life	190.00
Family Triennial	28.50	Family Life	237.50
Youth member, with others of family as members			2.00
Youth member, with no others of family as members ...			3.25

SECTION MEMBERSHIP RATES

	single annual	single triennial	family annual	family triennial
Median Iris Society	2.50	6.25	2.75	7.50
Society for Siberian Irises	2.50	6.50	3.00	7.50
Spuria Iris Society	2.50	6.00	3.00	7.00
Society for Japanese Irises	2.00	5.00	2.50	6.00
Reblooming Iris Society	3.00	7.50*	4.00	10.00
Society for Pacific Coast Native Iris	4.00	10.00	5.00	12.00
Species Iris Group of North America	3.00	9.00	6.00	18.00
Louisiana Iris Society of America ..	2.00	5.00	2.00	5.00
Dwarf Iris Society	2.00	6.00	3.00	9.00

Membership in AIS Sections is open to all AIS members. Payment may be made directly to the Section, or may be made payable to the American Iris Society and sent to AIS Membership Secretary, Ronald Mullin, Route 3, Pawnee, OK 74058. Note: Section memberships and AIS memberships must have the same expiration date.

* corrected from previously printed error

Pacific Coast Hybridizers



FICTION

Bryce Williamson '81 . . . \$25.00

EC '79, HC '80

See our display ad in this issue for prices of other introductions

P.O. Box 972

Campbell, CA 95009

**BRYCE WILLIAMSON'S
1981 Iris Introductions**

CAVALIER

A soft, medium blending of sandalwood and rosewood with milk-violet falls, banded with wide edging of sandalwood. Ruffled flowers are well formed and huge—the largest individual flowers in the garden the last few years. I don't know if it is the size or the coloring, but Cavalier elicits passionate responses—either love or hate. Deja Vu × Louise Watts. \$25.00

FICTION

Can an iris be soft and subtle, yet totally stunning? Yes, I think so! Creamy light yellow standards with a faint blush of soft rose at the midribs; creamy white falls with a wide plicata edge of light rose-violet, with darker rose-violet shoulders and yellow beards. A large, rounded and lightly ruffled flower. Show stalks—three nicely placed flowers are common, yet the plant is free growing and flowering, but never at the expense of healthy increase. EC '79 and best TB seedling Region 14 Region Seedling Show at Sacramento. HC '80. Montage × Smoke Rings. \$25.00

JONTUE

One of the reasons I used Launching Pad so heavily in breeding was to attempt to reproduce the color patterns in other colors. This, then, is the best result: beige-cream standards are netted in apricot; cream-white falls have wide bands of beige-apricot and coral red beards. Clean, colorful, free flowering and producing stalks with two branches, spur and terminal. A sister seedling to last year's Franklin Cook Cup winner, Sunrise Sunset. \$25.00

ULLABY OF LOVE

This iris not only appears feminine with its subtle coloring, ruffles and lace, but also has starch and substance that results in the flowers lasting for many days. The standards are a pastel blending of peach and apricot, flushed pink at the midribs. The falls are pale bluish-pink, fading to cream-white, bordered in peach-pink, with darker apricot shoulders and red beards. The entire flower is ruffled and edged in a lemon wire rim of lace. Wonderful S-type stalks display the flower well. Words of Love: (Dawn Crest × Rippling Waters—corrected parentage) × (One Desire × Moon Crest). HC 1980. \$25.00



Please note our new zip code.
Catalogue on request

*Pacific Coast Hybridizers
Post Office Box 972
Campbell, CA 95009*

T
IRIS

a signed
limited
art

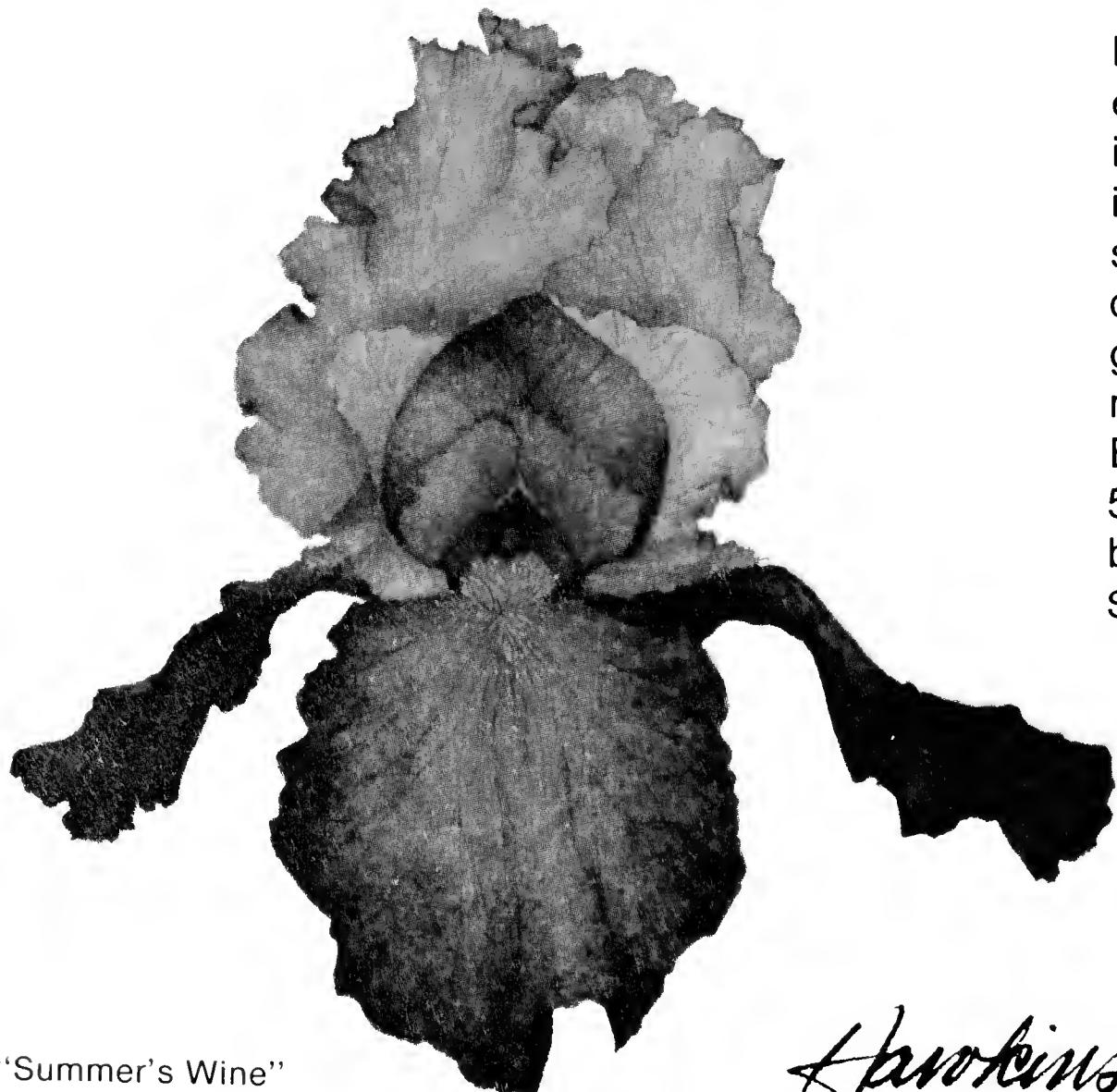
NA
FS
HAV

#1 "Hall of the Dragon King"

Hawkins©

Marrying
brilliance of
entrancing
iris, Nancy
introduces the
series of limited
productions of
glorifying art.
most exquisite.
Each print in
500 is signed
by the artist.
See order form.

© 1980 Nancy Hawkins



Hawkins©

#3 "Summer's Wine"

E
RIES
Numbered,
in of fine
ns by
HAWKINS



#2 "Within One's Heart"

Hawkins ©

e jewel-like
ecolor to the
ure of the
n Hawkins
fist four in a
dition repro-
r watercolors
of nature's
e creations.
h edition of
d numbered

following page.
h Hawkins



#4 "Helen of Troy"

Hawkins ©

Order Form
THE IRIS SERIES

Appropriately named for the Rainbow Goddess, the iris couples its graceful triangular form with myriad color variations, often within a single blossom. Hawkins' intense study of this fascinating species has given her a thorough understanding of its architectural complexity. Although her iris are rendered in realistic detail, she transcends reality to create flowers that exist only in her paintings.

The art of photo-offset lithography, carried out by skilled craftsmen to the artist's exacting standards, makes it possible to own collector prints of this talented artist's work. The beauty of these prints will provide years of viewing pleasure while their quality, value and authenticity is ensured by the signature of the artist.

Each print is conveniently sized 11 x 14 inches. The iris blossoms range around 6 inches in height and vary in width. They are extremely attractive in oval as well as rectangular mats. Alone, paired or grouped, they are exceedingly handsome.

Each print is priced at \$25.00

Name (Please print) _____

Address _____

City _____ State _____ Zip _____

Date _____ / _____ / _____ Phone (_____) _____

Quantity	Print	Amount
_____	#1 Hall of the Dragon King	\$ _____
_____	#2 Within One's Heart	\$ _____
_____	#3 Summer's Wine	\$ _____
_____	#4 Helen of Troy	\$ _____

_____ Total Number of prints Their total \$ _____

Michigan Residents add 4%

sales tax \$ _____

Add \$3.00 for postage and handling \$3.00 _____

Total \$ _____

Make check or money order payable to

NANCY FISH HAWKINS
4672 Turner / Trenton, Michigan 48183



MINARET

(Gaulter '81)

\$25.00

OUR 53rd YEAR
CATALOG
In Full Color
\$2.00

Then deductible from
your first catalog order



AIS LIBRARY PUBLICATIONS

THE WORLD OF IRISES \$15.00

Edited by Warburton & Hamblen; 34 contributors and authors including international authorities. 494 pages of text; 32 pages full color. Published in 1978 and the most authoritative book on all phases of irises, scientific and popular. 6" x 9" hard bound cloth cover.

AIS LAPEL PINS \$5.00

AIS Logo in blue and green on silver plated pin 1/2" x 5/8" with safety lock catch.

TWO RARE IRIS PRINTS each \$6.00; both for \$11.00

Suitable for framing. Color reproductions of original art work done for the New York Botanical Garden in 1929. See illustration, in Spring 1978 *Bulletin*, page 59. *Proceeds from sale of prints will be used to support the work of the AIS Historical Committee.*

HANDBOOK FOR JUDGES AND SHOW OFFICIALS \$2.50

HANDBOOK FOR AMERICAN IRIS SOCIETY MEMBERS AND OFFICERS \$2.50

1979 MEMBERSHIP LIST \$2.50

1959 IRIS CHECK LIST \$3.50

Hard bound. Ten year compilation of registration 1950-59, complete awards listing 1920-59. Only check list still in print. Others sold out.

REGISTRATIONS AND INTRODUCTIONS—1977 \$2.00

1978 \$3.50

1979 \$3.50

1980 \$3.50

BULLETINS: Current issues \$3.00

Back issues, if available \$2.50

BULLETIN 1 (Reprint) \$1.50

Golden Anniversary BULLETIN \$2.00

1977 BULLETIN INDEX \$1.50

BRONZE ANNIVERSARY MEDALS \$2.50

The AIS 50th Anniversary medal in antiqued bronze. Suitable for pendants, show prizes, and special awards.

AIS SEALS Pack—\$2.50; 5 Packs—\$10.00

Self-adhesive ovals, slightly larger than a half dollar, official design in blue and green on a silver background. (50 per pack)

AIS AUTO LICENSE TAGS \$3.50

Prices include postage and handling.

Make checks payable to The American Iris Society

Send order to Dorothy Howard, 226 E. 20th St., Tulsa, OK 74119

Tel. (919) 582-4932

Gifts to the American Iris Society

July 1, 1980 to December 31, 1980

MEMORIAL GIFTS FOR:

BERNIE W. BRANUMN

Jimmy and Betty Burch (AL)

Carol Burch (AL)

Huntsville Chapter AIS (AL)

MRS. JULIA BURCH

Gadsden Metro Iris Society
(AL)

Mrs. Lorene Johnson (AL)

Mr. and Mrs. F. R. Lambert
(AL)

Rob Lambert (AL)

Richard and Carol Ramsey
(KS)

MRS CURRIER (KAY) McEWEN

Paul and Louise Watts (NY)

Mr. and Mrs. James Copeland
(MI)

MRS. W. G. (ESTHER)

McGARVEY

Mr. and Mrs. Carlton Van
de Water (OR)

MRS. TRUDI KOHLER

Huntsville Chapter AIS

LUCILE MILLER

New Mexico Iris Society
(NM)

SARAH MILLER

New Mexico Iris Society

DR. L. F. RANDOLPH

Mr. and Mrs. Carlton Van
de Water

* D. OLEN RAWDON

Southwestern Michigan Iris
Society (MI)

LOCKE HENRY SHIVEL

New Mexico Iris Society

MRS. E. A. (FERN) SLATER

Wichita Area Iris Society (KS)

MRS. C. W. (WILMA)

VALLETTE

Magic Valley Iris Society (ID)

MRS. EDNA YUNKER

Mr. and Mrs. Howard
Goodrick (CA)

*specified for the Youth Medal Fund

GIFT HONORING:

MR. AND MRS. WILLIAM E.
BARR

Amateur Gardeners Club of
Baltimore (MD)

GIFTS TO THE YOUTH MEDAL FUND:

James and Jill Copeland
Southwestern Michigan Iris
Society

Anonymous

Central Michigan Iris Society
(MI)

J. Copeland (MI)

Iris Connoisseurs of Michigan
(MI)

Jimmy Copeland (MI)

Bobby Copeland (MI)

Susan Copeland (MI)

Southeast Missouri Iris
Society (MO)

Patricia Clauser (NM)

Carol Ramsey

Mr. and Mrs. Thomas Johnson
(CO)

Dr. John R. Durrance (CO)
AIS Region 20 (CO)
Garden State Iris Society (NJ)
Parsons Area Iris Society (KS)
Tulsa Area Iris Society (OK)
Hutchinson Iris Club (KS)
Washington Iris Club (MO)
Garden City Iris Society (KS)
Harry Hefner (MI)
J. Copeland
Mr. and Mrs. Dan Overholser
(IN)
Miami Valley Iris Society (OH)
Mr. and Mrs. Otho Boone (OH)
Mr. and Mrs. D. Olen Rawdon
(OH)

Central Michigan Iris Society
AIS Region 24 (AL, MS)
Edmond Iris Club (OK)
Huntsville Chapter AIS
AIS Region 6 (IN, MI, OH)
AIS Region 23 (NM)
Wichita Area Iris Club

OTHER GIFTS:

Tulsa Area Iris Society
Lucille McKinley (NM)
Memphis Area Iris Society (TN)
AIS Region 22 (AR, OK)
Middle Tennessee Iris Society
(TN)
New Braunfels Iris Society (TX)

ORVILLE W. FAY 1896-1980

The many friends of Orville Fay will be saddened to learn that he passed away Thanksgiving Day, November 27, 1980 in Devon, Pa. where he lived with his sister, Esther, the last several years. Orville had celebrated his 84th birthday on October 21. He had been in failing health for nearly a year.

Many members of the American Iris Society and the American Hemerocallis Society will remember the many awards his flowers won over the years. Three of his irises, MARY RANDALL, TRULY YOURS and RIPPLING WATERS were awarded the Dykes Medal, and four of his daylilies won Stout medals from the Hemerocallis Society.

Important to hybridizers in both societies were the fine parents Orville developed. MARY RANDALL in the iris world, and FRANCES FAY in the daylily world, have proven to be great parents.

Although Orville is now gone, as we look at the legacy of beautiful flowers he bequeathed us, we will remember him with great fondness and affection.—Clarence W. Blocker

CORRECTION: In "Bloomin' Rembrances," printed in the October 1980 issue, p. 36, last line, Harry Sass should have been Henry Sass, and the figure third from right in the photograph was Father David Kinish.



Youth Views

Maryann Anning

A VIEW OF YOUTH

Have you ever compared our youth membership to the irises we are all so fond of? Consider for a moment . . . We start with a newly acquired rhizome. We plant it, we water it, we fertilize it and we care for it. In return it grows and develops, and one day our efforts are rewarded as it finally bursts forth into bloom! But this isn't the end. As long as our plant is cultivated and cared for with a very watchful eye, it continues to produce, sending up multitudes of stalks until it increases so much it needs dividing. At this point it makes itself available to be shared with others.

On the other hand, if we obtain a rhizome of a potentially beautiful plant, stick it in the ground, let the weeds grow around it and not pay much attention to it, it will lack nourishment and grow poorly, and perhaps even pass from our garden scene. What could have been an award-winning bloomstalk is at best a shy small-flowered, stunted plant lacking in grace and personality which loses interest in trying to produce new rhizomes for others to share.

The same holds true with our 200-plus youth members. If we show an interest in them, cultivate their enthusiasm, give them responsibilities and respond to them when they approach us, these young people will react positively. They can and will learn; each is a "rhizome" of untapped energy. They can and will assist at meetings and at shows; everyone wants to feel responsible. As a result we have the "mature" AIS member who, in return, can share his/her knowledge completing the cycle and beginning another. Every living being responds to attention and affection positively, and the more we can shower on our youth members, the more we will all benefit.

As members of AIS many of our "friendships" are not determined by age categories. No reason then to limit our "friends" to the over-19 group. We are all part of the same organization with the same interests. In most cases, it takes only a small effort on the part of one adult to show that he/she cares.

Our primary purpose of AIS is to promote the culture and interest in the IRIS. We are constantly looking forward to new varieties and new members. What better way to support this vital endeavor than to encourage the youth membership in our society?



ATTENTION SHOW AND YOUTH COMMITTEES

At the Fall Meeting in Dallas the AIS Board of Directors authorized a new set of Silver and Bronze Medals to be awarded for the most blue ribbons and the second most blue ribbons won in the Youth Divisions of AIS approved shows. The new Medals will be similar to the regular medals, except slightly smaller in size. They will be offered for sale during the 1981 season. Price and rules governing the awarding of the Medals will be forwarded with approved show schedules, or may be obtained by writing to the Exhibition Chairman,

Glenn F. Corlew 2988 Cherry Lane Walnut Creek, CA 94596

GUY ROGERS

We have learned of the death of long-time irisarian, Guy Rogers of Wichita Falls, Texas. His death occurred on November 17, 1980. Mr. Rogers was a most familiar figure at almost every AIS Convention. He was sixth president of AIS. He was a distinguished lawyer and his legal council has been invaluable to the Society. He was the first RVP of Region 17.

Mr. Rogers, as president, guided the Society through a period of growth and consolidation, 1949 through 1952. He was a Director from 1948 through 1962. He was the recipient of the Distinguished Service Medal in 1952. His loss leaves a great void among his many friends.

DOWN TO THE SEA IN '83

A REQUEST FOR GUEST IRIS

Region 1 (New England) will host the 1983 American Iris Society Convention. The Guest Iris Committee invites hybridizers to submit guest rhizomes of recent introductions and seedlings under consideration for introduction. All types of irises will be accepted because of various climatic conditions in the area.

Picture, if you will, the magnificent ivory and gold Grand Ballroom of the Park Plaza Hotel in downtown Boston. It is the night of June 8, 1983, at the Awards Banquet of the AIS Convention. The lights on the crystal chandeliers have been dimmed and Awards presented to the hybridizers whose irises attained stardom in 1982. The magic moment is at hand. A ripple of anticipation sweeps over the assemblage. Full attention is focused on the M.C. as the winner of the Cook Cup is to be announced. This moment marks years of iris breeding, convention planning, months of care and attention in guest gardens and three final days of judging by hundreds of conventioneers. You could be one of those eager irisarians anxiously awaiting the announcement of the winner, if you submit guest plants. Give your irises a chance.

Send guest irises to:

Kenneth M. Waite, Guest Iris Chairman
6 Tow Path Lane, Westfield, Massachusetts, 01085

When sending guests, please observe the following guidelines:

1. Guest rhizomes will be accepted between July 10, 1981 through August 20, 1981.
2. The following information should accompany each plant:
 - a. Hybridizer's name and address.
 - b. Name or number of the variety.
 - c. Type of iris.
 - d. Height, color, and bloom season.
 - e. Year of introduction if introduced.
3. When guest seedlings sent under number are named before the convention, it will be the responsibility of the hybridizer to notify the Guest Iris Chairman before November 1, 1982 so that necessary changes can be made on labels and Guest Iris listing.

4. A receipt will be mailed to all contributors listing the garden location of the plants.

A report will be sent to hybridizers showing losses so that a duplicate plant may be sent if desired. Contributors will be asked for instructions regarding disposition of plants. Failure to reply by July 1, 1983 will be considered as an order to destroy all stock in question. All other official guest plants will be returned postage collect.

5. The Convention Committee will exercise all precaution to see that no plant is traded, sold, seed set, or pollen used.

6. The Guest Iris Committee is not responsible for losses beyond its control. Responsibility of the Guest Iris Committee extends only to plants received through the Guest Iris Chairman and only those will be listed in the Convention booklet.

The major guest planting will be at the Case Estates, Weston, Massachusetts. Space is available for more than 1,000 plants. Our plan is to have one of each guest iris at this location. It will be visited several times during the Convention.



Editor's Notebook

Again, thanks for the letters and articles that keep coming. We regret that we cannot use material immediately or entirely, but we are glad for the response. Keep it coming!

And, written by a friend, this is dedicated and sent in kind to kind poetry contributors. "Iris poets bright and witty, sometimes send a piquant ditty / Dealing with the joys and pains attending birth of iris strains; / But, though we love their skills linguistical and their knowledge botanical, / The fact is hard and harsh and terse; alas, we cannot publish verse!" Sorry, but it was so decreed.

We are delighted to announce the enlargement of the *BULLETIN* staff—and our capacity for efficiency! Maryann Anning, has become Photo Coordinator as well as doing a splendid job as Youth Committee Chairman.

Again, in the name of efficiency, we'll resist the temptation to chat with readers in this column and simply send sunny regards for a super and scintillating spring season.

AMERICAN IRIS SOCIETY

APPROVED AFFILIATES

Expiration Date January 1, 1982.

- REGION 1** **CONNECTICUT IRIS SOCIETY**
Pres. Mr. James Shivers
164 Dudley Road, Wilton, CT 06897
- MAINE IRIS SOCIETY**
Pres. Mr. Clayton H. Sacks, West Neck Rd. Box 70
Nobleboro, ME 04555
- REGION 2** **THE EMPIRE STATE IRIS SOCIETY**
Pres. Mr. Greg Schifferli, 1211 McKinley Pkwy.
Buffalo NY 14218
- REGION 3** **DELAWARE VALLEY IRIS SOCIETY**
Pres. Mr. E.A. Maltman, 206 Miltown Rd.
Wilmington, DE 19808
- REGION 4** **FRANCIS SCOTT KEY IRIS SOCIETY**
Pres. Mrs. Andrew C. Warner, 16815 Falls Rd.
Upperco, MD 21155
- REGION 5** **SOUTH CAROLINA IRIS SOCIETY**
Pres. Harry T. Schultz, 709 Cornhill Rd., Columbia,
SC 29210
- SUMMERTVILLE IRIS SOCIETY**
Pres. Mrs. Frank Vincent, R#1 Box 460, Bonneau,
SC 29431
- REGION 6** **NORTHEASTERN INDIANA IRIS SOCIETY**
Pres. Mrs. Henry Storey, R#4 Huntington, IN 46750
- SOUTHWESTERN MICHIGAN IRIS SOCIETY**
Pres. Ronald F. Miller, 6065 N. 16th St.,
Kalamazoo, MI 49007

REGION 7 BLUE GRASS IRIS SOCIETY
Pres. Albert Dierckes, 311 Hulbert Ave.,
Erlanger, KY 41018

HARRISON COUNTY IRIS SOCIETY
Pres. Mrs. Jack Hannah, 311 Oddville Ave.,
Cynthiana, KY 41031

MEMPHIS AREA IRIS SOCIETY
Pres. Mrs. William C. Belus, 6401 Constance Ave.,
Bartlett TN 38134

MID STATE IRIS ASSOCIATION
Pres. Mrs. M.B. Odom, R#8 Lascassas Rd.,
Murfreesboro, TN 37130

TENNESSEE VALLEY IRIS SOCIETY
Pres. Mrs. Charlie Bless, 535 Clayton Ave.,
Lewisburg, TN 37091

TWIN STATES IRIS SOCIETY
Pres. Mrs. James G. Davis, RT 1 Burton View Dr.,
Mt. Juliet TN 37122

REGION 8 WISCONSIN IRIS SOCIETY
Pres. Frederick C. Jahnke, w65 N 727 St. John Ave.,
Cedarburg, WI 53012

REGION 9 NORTHERN ILLINOIS IRIS SOCIETY
Pres. David B. Sindt, 1331 W. Cornelia, Chicago,
IL 60657

SOUTHERN ILLINOIS IRIS SOCIETY
Pres. Melody Wilhoit, RT. 2 Box 141, Kansas, IL 61933

REGION 12 UTAH IRIS SOCIETY
Pres. Miss Charlotte Easter, 2289 Lambourne Ave.,
Salt Lake City, Utah 84109

REGION 13 GREATER PORTLAND IRIS SOCIETY
Pres. Caroline Burke, Rt. 1 Box 287A, Beaver Creek,
OR 97004

KING COUNTY IRIS SOCIETY
Pres. George Lankow, 725 20th Ave., Kirkland,
WA 98033

PIERCE COUNTY IRIS SOCIETY
Pres. Alan Brooks, 1012 So. Oakes St., Tacoma,
WA 98405

REGION 14 CENTRAL VALLEY IRIS SOCIETY
Pres. Melba Bevilaqua, 7526 Oakcreek Dr.,
Stockton, CA 95207

MT. DIABLO IRIS SOCIETY
Pres. Alan Robbins, 58 Chauser Dr., Pleasant Hill,
CA 94523

SANTA ROSA IRIS SOCIETY
Pres. Ruth Morey, 5667 Windsor Rd., Windsor,
CA 95492

REDWOOD IRIS SOCIETY
Pres. Mr. Robert Primer, 328 George Pl., Ukiah,
CA 95482

SEQUOIA IRIS SOCIETY
Pres. Ted Burg, 795 Clover Lane, Hanford, CA 93230

SOUTHERN NEVADA IRIS SOCIETY
Pres. Mr. Fred Parvin, 3050 Hebard Dr.,
Las Vegas, NV 89121

SYDNEY B. MITCHELL IRIS SOCIETY
Pres. Don Denney, 176 Liberty St., San Francisco,
CA 94110

WESTBAY IRIS SOCIETY
Pres. Larry Cowdrey, 272 Moraga Way, San Jose,
CA 95119

REGION 15 INLAND IRIS SOCIETY
Pres. Howard Goodrick, 1355 S. Lyon Ave., Space 57
Hemet, CA 92343

SAN DIEGO—Imperial Counties Iris Society
Pres. Mrs. Eugene Cooper, 4444 Arista Dr., San Diego,
CA 92103

SAN FERNANDO IRIS SOCIETY
Pres. Esther Kraines, 6200 Acadia Ave., Agoura,
CA 91301

SOUTHERN CALIFORNIA IRIS SOCIETY
Pres. Dick Sloan, 2607 Louise, Arcadia, CA 91006

SUN COUNTRY IRIS SOCIETY
Pres. Katie Romero, 5711 N. Rocking Rd., Scottsdale,
AZ 85253

TUCSON AREA IRIS SOCIETY
Pres. Mrs. Genevieve Jasper, 2650 N. Desert, Tucson,
AZ 85710

REGION 17 BENSON AREA 12 IRIS SOCIETY
Pres. Mrs. Bertha McDonald, P.O. Box 141, Iowa Park,
TX 76367

EL PASO IRIS SOCIETY
Pres. Mrs. Josephine Lynch, 8709 Wm.H. Burgess,
El Paso TX 79925

FORT WORTH IRIS SOCIETY
Pres. Jean Clingman, 3544 Rita Lane, Fort Worth,
TX 76117

NEW BRAUNFELS IRIS SOCIETY
Pres. Samuel F. Johnson, P.O. Box 266, Wimberley,
TX 78676

NORTH PLAINS IRIS SOCIETY
Pres. Mrs. Ida Frank, 2424 14th St., Canyon, TX 79015

SOUTH PLAINS IRIS SOCIETY
Pres. Mrs. Vernon Keesee, 3620 31st St., Lubbock,
TX 79410

TEXOMA IRIS SOCIETY

Pres. Gordan Green, Box 301, Bonham, TX 75418

REGION 18

BOOTHILL IRIS SOCIETY

Pres. Roberta D. Davis, 2913 Center, Dodge City,
KS 67801

GARDEN CITY IRIS SOCIETY

Pres. Mrs. Robert Mark, 311 Hudson, Garden City,
KS 67846

GREATER ST. LOUIS IRIS SOCIETY

Pres. Roy Bohrer, #1 Summer Court, O'Fallon,
MO 63366

HUTCHINSON IRIS CLUB

Pres. Mrs. Pat Dixon, 2603 Nevada, Hutchinson,
KS 67501

JEFFCO IRIS SOCIETY

Pres. Frances Boyd, R1 Box 638, Cedar Hill, MO 63016

MINERAL AREA IRIS SOCIETY

Pres. Russ Wurl, 1133 De Runtz, Maryland Heights,
MO 63043

SEMO IRIS SOCIETY

Pres. Win Bruhl, 1922 Rampart, Cape Girardeau,
MO 63701

WICHITA AREA IRIS CLUB

Pres. Catherine Breth, 218 South McComas, Wichita,
KS 67213

WASHINGTON IRIS CLUB

Pres. Frances Boyd, R 1, Box 638, Cedar Hill, MO 63016

PARSONS AREA IRIS SOCIETY

Pres. Mildred Williams, 314 S. 35th St., Parsons,
KS 67357

TRI STATE IRIS SOCIETY
Pres. Dr. Thomas Grim, 2901 Vermont, Joplin, MO
64801

REGION 19 GARDEN STATE IRIS SOCIETY
Pres. Dave Silverberg, 27 Spring Hill Dr., Howell,
NJ 07731

REGION 21 GREATER OMAHA IRIS SOCIETY
Sec. Pat Dickey, 7902 Browne, Omaha, NE 68134

THE LINCOLN IRIS SOCIETY
Pres. Allan Ensminger, RFD 3, Lincoln, NE 68505

TRAILS WEST IRIS SOCIETY
Pres. Patricia Randall, Rt. 1, Box 125, Batard,
NE 69334

REGION 22 CENTRAL ARKANSAS IRIS SOCIETY
Pres. Henry C. Rowlan, 12 Roxbury Dr., Little Rock,
AR 72209

HOT SPRINGS IRIS SOCIETY
Pres. Violet Richards, 2 Herencia Circle, Hot Springs
Village, AR 71901

NORMAN AREA IRIS SOCIETY
Pres. Lee Shelton, 1005 McFarland, Norman, OK 73069

ROLLING HILLS IRIS SOCIETY
Pres. Mrs. Wayne Drumm, 924 N. Hester, Stillwater,
OK 74074

TULSA IRIS SOCIETY
Pres. Mrs. Dorothy Light, 1111 E. 37th St., Tulsa,
OK 74105

REGION 23 ALBUQUERQUE ARIL SOCIETY
Pres. Howard G. Shockey, 4611 Rio Grande Ln.,
NW, Albuquerque, NM 87107

LEA COUNTY IRIS SOCIETY
Pres. W.A. Brown, 1732 N. Jefferson, Hobbs, NM 88240

REGION 24 BIRMINGHAM AREA IRIS SOCIETY
Pres. Mr. Joe M. Langdon, 5605 11th Ave. S.,
Birmingham AL 35222

GADSDEN-METRO IRIS SOCIETY
Pres. Ruth T. Fletcher, RT. 2, Box 414, Gadsden,
AL 35903

HUNTSVILLE CHAPTER OF AIS
Pres. Ruth Wilder, 2219 Matthews St., SE, Huntsville,
AL 35801

MARSHALL IRIS SOCIETY
Pres. William E. Williamson, 1400 Bains St., Albertville,
AL 35950

NORTH ALABAMA IRIS SOCIETY
Pres. Gertrude Price, 2308 Lee High Drive, NE,
Huntsville AL 35801

1980 Membership Contest Winners

Congratulations to . . .

R. Dean Brand	51 members
Ruth S. Goebel	48
Irene Otte	30
James Ennenga	20
Mrs. Bob Crockett	18
George Slade	17
W. G. Frass	16
Dr. Robert Bledsoe	15

CLIFF W. BENSON
— IRIS —
NEW FOR 1981

Rt. #1, Box 82, Old Iron Road

Hermann, Missouri 65041

ICE CREAM CASTLE (Night Frost × Gateway Parade). An enormous, beautifully branched and budded white self. The heavily perfumed and substanced, perfectly shaped blossoms are very broad and attractively ruffled and semi-flared. The aroma from one stalk easily permeates an entire house. Foliage is vigorous and blue-green. TB, M, 36". HC '74. \$25.00

PLAYBOY PRINCE (Shipshape × Maestro Puccini). A vigorous, intense metallic and steel blue self with matching blue-tipped beards. The fragrant, perfectly formed blooms are wide, ruffled and extremely smooth. Stalks are sturdy and well branched. TB, M, 38". \$25.00

EDVARD GRIEG (Paris Opera × (Air de Ballet × Night Frost)). A distinctly different blending of violet, orchid, lavender and magenta. A self of true beauty and of huge proportion. Expansive, beautifully formed and heavily substanced. The very broad-petaled blossoms are attractively ruffled, very fragrant and held on well-branched, sturdy stalks. Named in memory of the Norwegian composer. TB, M, 38". HC '76. \$25.00

CUPID'S FROLIC ((Air de Ballet × Silent Snow) × Night Frost) × Maestro Puccini). An exquisite flax and bluebird blue self. Semi-flaring blossoms are attractively shaped, ruffled and fragrant. Fine branching and sturdy stalks. TB, M, 36". HC '76. \$25.00

GORGEOUS HUSSY (Spring Symphony × 71-31A: inv. Pink Fulfillment, Morning Breeze, May Hall, Deep Caress, Henry Shaw, Miss Dolly Dollars and numbered sdlgs. of Orville Fay and Dave Hall). Name suggested by and named in memory of Joan Crawford. A highly fashionable self, glistening in a blend of rose-lilac and Persian pink. The tightly held standards are ruffled; wide and ruffled falls are semi-flared. Fine branching and strong, ramrod-straight stems spark this vivacious and fragrant creation. TB, M, 38". HC '75. \$25.00

ELVIS PRESLEY (scheduled for 1982 release). Reservations being accepted. One rhizome per customer. \$35.00 net. Huge, ruffled chaste white with lime-green brushing on hafts.

BURCH IRIS GARDENS
717 Pratt Avenue, N.E.—Box 10003
Huntsville, AL 35801

WONDER STRUCK (Burch). TB, 39", M-L (74-21E). The golden shoulders and beards form a contrasting color, making this pale violet iris stand out among others. There are six large, tailored blossoms and terminal on its three branches. Sib to White Token. (Launching Pad × Radiant Beam). \$25.00

BORN RICH (Bledsoe). TB, 32", M-L (75-66B). Laced full violet standards and falls that lightens to white around the red-orange beards make this a lovely iris to behold. It has two branches and spur plus the terminal. Seven buds are tightly domed before opening slowly. (Sunburst Duet × Southern Hospitality) × Lillian Terrell. \$25.00

ENTREPRENEUR (Steinhauer). TB, 34", M-L (5911). Ruffling enhances the gold of this iris of Winkie's. It has two branches and a spur with six to seven golden blooms. The full beards are light orange. It increases and blooms well. (Sunsite × Denver Mint). \$25.00

WHITE TOKEN (Burch). TB, 30", E (74-21A). This small token of an iris makes an early garden display. The bright yellow beards rest on snowy white falls topped with the same clear white standards. White Token is for show only in the garden—extremely early—where it produces many, many stalks that have three to four branches and a terminal including seven to nine lovely blossoms. (Launching Pad × Radiant Beam). \$20.00

Catalog available on request

CONTEMPORARY GARDENS

Box 534

Blanchard, OK 73010

1981 Introductions from Perry Dyer and Dr. W. E. (Bill) Jones

EDYTH MAE (W. E. Jones) TB, 29" (74 cm), Midseason. Heavily ruffled and lightly laced crystalline light yellow with white area below the yellow beard. This is a "small tall" (thus, the reduced introductory price) that is a diminutive of its pod parent. Extremely vigorous. Sdlg. 75-53A: (Lemon Mist × Miss Dolly Dollars). EC 1980. Named for Bill's mother, who first interested him in irises.\$20.00

NUANCE (Dyer) TB, 30" (76 cm), Midseason. Subtle, pale cameo pink, slightly lighter in center of falls. Pale pink beard, tipped deeper in the throat. The elegant flowers are very heavily ruffled and have a curved wax finish. Sdlg. E-30: (Cherub Choir × Pink Taffeta).\$25.00

TRIPLE CROWN (Dyer) TB, 32" (81 cm), Midseason. Moderately ruffled and laced medium to deep pink with deep pink beard. Color and form are similar to Rudolph's Ballet Ruffles. It has graceful, S-curved show stalks with 3 branches. Excellent plant habits. Sdlg. C-9: (Pink Taffeta × Crystal Flame).\$25.00

JOYCE McBRIDE (W. E. Jones) SDB, 10" (25 cm), Very Early (one of the first SDBs to bloom). Very ruffled bright purple and white plicata with harmonious purple beard. Buds are bright purple with yellow ground. Open flower has a yellow infusion in the upper white ground color of the standards. Excellent substance and extremely vigorous. Unique and appealing—totally different from other SDB plicatas on the market today. Sdlg. 74-61A: (Parentage unknown but neither parent was a plicata). \$ 7.50

JOYOUS ISLE (Dyer) SDB, 12" (30 cm), Early to Midseason. Light French blue standards. Falls are medium olive-green and mauve, edged in French blue. Shocking, clean electric blue beards. Closed standards. Oval-shaped falls often have the pointed "Starry Eyed" effect, further emphasizing the beards. Sdlg. G-3: (Love Note × Meadow Moss). EC 1979 and 1980. \$7.50

NANCY ALANE (W. E. Jones) SDB, 12" (30 cm), Early to Midseason. Purple standards. Rich maroon falls with $\frac{1}{4}$ " edge of purple. Purple beards. This rich, dark new beauty has superb wide, rounded, ruffled form and heavy substance. Excellent plant habits. Sdlg. 76-85A: ((72-49J: (Velvet Touch × Dark Spark)) × (Landscape × Gingerbread Man)). Named for Bill's daughter, Nancy Thompson.\$ 7.50

WIZARD OF ID (Dyer) SDB, 12" (30 cm), Midseason to Late. Deep antique gold standards with slight flush of purple in midribs. Falls are also deep antique gold, but have deeper gold infusions, and are set off with stunning, very dark purple (near black) beards. Very good plant habits. My best and most unique median introduction to date. Sdlg. G-26: (Demon × C-1: (Cherry Garden × Bloodspot)). HC 1980 (14 votes).

*Please include \$2.00 for postage and handling.
—1981 catalog available on request—*

COTTAGE GARDENS

22549 Center Street

Hayward, California 94541

THE 1981 INTRODUCTIONS

BRANDY James McWhirter, 1981). TB, M, 36".

From a cross that most people considered unusual, to say the least, comes a most interesting iris with great hybridizing potential. BRANDY is a color combination of toasted melon, tan, pink, rosy brown, with highlights of gold. Heavy substanced blossoms are extremely ruffled and fluted on well-branched stalks with 8 buds. From the time the blossoms open until the day they fold, you will see several shades of each color mentioned above. BRANDY seems to change each day and never suffers from these changes. BRANDY is being heavily used in seeking the elusive red iris as its breeding potential seems to be unlimited. (PINK SLEIGH × WAR LORD). HC '79 & '80. See our color ad in the January, 1981, AIS Bulletin. \$25.00

LOVE MAGIC (James McWhirter, 1981). TB, M, 38".

Heavily laced, ruffled blossoms of a rosy lavender-pink blend will add magic to your Spring garden. Strong, well-branched stalks supporting large flowers usually give three open at a time with the classic, wide-branched pattern. The striking, bright shrimp beards add the final touch of magic. LOVE MAGIC was well received at the AIS National Convention in Tulsa in 1980 where it received 28 votes for an HC. (CLARENCE × PINK SLEIGH). \$25.00

ORCHID BLUSH (Jean Brown, 1981). TB, M, 35".

A wide, semi-flaring, laced and ruffled flower of lovely form. The light orchid self has slightly darker veining on the falls, which lends dignity and sophistication to the flower. Orchid-tipped beards add brilliance to well-substanced bloom. Well branched with 7 buds. Sdlg. J77-28. (CHERRY JUBILEE × MONACO) × ((CARO NOME × BLUEBELL LANE) × (WHITE KING × ROYAL GOLD)). \$25.00

PARK LANE (Bob Brown, 1981). TB, M, 34-36".

Nicely ruffled vibrant red-purple self. Seven buds on well-branched stalks make it a knock-out in the garden. The bronze-yellow beards have a purple tip for just the right accent. This should be a good breeder as this year's crop of seedlings showed much promise. Sdlg. 78-3. (GRANDMASTER sib × (BAY RUM × GONDOLIER)). \$25.00

SPECTACULAR BID (Don Denney, 1981). TB, M-L, 36".

These large, ruffled, smooth red-black flowers with self beards are well displayed on stalks with 4 and 5-way branching. This outstanding branching produces up to 15 flowers over a long blooming season. It's the most spectacular branching we've seen—remember when branching was a problem with reds? No more! SPECTACULAR BID'S hardiness and vigorous increase have proved their qualities in the deep South, in New England as well as here in California. A stalk carried from California to Tulsa was judged to be the best seeding at the 1980 National Iris Show at the Tulsa AIS Convention. It's sure to look better (fresh) in your garden. (MANUEL × ROYAL TRUMPETER). EC. '80, HC '80. \$25.00

SPRING FLING (Don Denney, 1981). TB, E, 34".

SPRING FLING produced a riot of pink color early in the iris season. Its shade of pink is one of those that commands eyes to it from across the garden. Flowers are pleasingly fluted and ruffled; branching and growth habits are excellent. A choice garden variety. It's an iris with personality. This may be your SPRING to have a FLING. (CLARENCE × CARVED PINK). \$25.00

VICTORIA'S SECRET (Don Denney, 1981). SDB, 10".

VICTORIA'S SECRET is exposed to all the world as a bouquet of these lovely, ruffled flowers cover a clump in early Spring. Standards are medium purple atop flaring velvety purple falls. Beards are accented with a lighter blue-purple shade. The effect of the velvety, ruffled blossoms is very Victorian. Plant habits and proportion are excellent. Discover VICTORIA'S SECRET. (REGARDS × CHERRY GARDEN). \$10.00

Please Order from this Ad or Write for Free Catalog

1981 INTRODUCTIONS FROM DAVE NISWONGER

- AMBER RIPPLES** (Niswonger '81). Sp. 5-76: Struttin' × unknown. Spuria, 38", M. The color is a blend of blue and amber. Blue stds. with amber infusion in midrib; amber falls have a light blue rim. Blooms open at one time, nicely spaced, about 5 buds to the stalk, and are on the small, compact side. Should be nice to use in arrangements. \$20.00
- AZTEC STAR** (Niswonger '81). #17-78: Golden Starlet × Knockout. SDB, 12", M. Best Sdlg. '80 Jeffco Show. A showy, different SDB with flared form. Stds. are pale yellow and falls red with pale yellow rim. Pale yellow beards become deeper yellow near center of the flower. You'll enjoy this bright new star in your median garden. \$10.00
- BLUE ZIPPER** (Niswonger '81). #24-76: Dreamin' Blue × 52-70: ((Poet's Dream × (Lady Blue Beard × Marriott)) × (Henry Shaw × Sapphire Fuzz)). TB, 33", M. Another step toward a white with a blue beard. This pale blue with blue beards has nice form and branching. Sdlg. 52-70 is a pure white with white beards. Fertile both ways. \$25.00
- CORAL BEAUTY** (Niswonger '81). #57-77: Coral Strand × Peach Spot. TB, 34", E-M, 9 buds. Fertile both ways. If you are hybridizing pink amoenas, this is one you will want to use. It has produced some very vigorous, nicely contrasted seedlings. The near white stds. make a good contrast to the peachy apricot falls, which are edged white. Tangerine beards are quite evident in the large flower. \$25.00
- GRANDMA'S BLUEGOWN** (Niswonger '81). #56-77: Babson R10-4: (Odyssey sib) × Singin' Blue. TB, 32", M. Fertile. This medium blue self has deep blue beards and the vigor of its grandparent, Stepping Out. A blue, blue iris you will enjoy. Again, if you are hybridizing for a blue-bearded white, cross this with a blue-bearded plicata for the white approach. \$25.00
- IRENE'S LOVE** (T. Gladish '81). #1-77: 72-8: (Denver Mint × Meghan) × Brown Lasso. BB, 24", E-M. This is the first seedling to be introduced from Brown Lasso and one that will delight you. The pod parent is a red-brown with brown rim from two proven parents. This cross was quite varied and all of high quality. Stds. are almost full yellow; falls are light violet with ruffled brown rim. Bloom has a nice blocky form, within size for a border iris. HC '77. \$25.00
- JUNE SUNSET** (Niswonger '81). #23-77: Coral Strand × Peach Spot. TB, 34", M. Fertile. Amoenas, blends and bitones from this cross are hard to describe. There were so many good ones and so many variations. Stds. have some apricot infusion; falls are peachy orange. This variety has produced a clear orange amoena and a "must have" for those hybridizing amoenas. Vigor with 9-bud count. Will look great on the show table as well as in the garden. \$25.00
- PEACHES N' TOPPING** (Niswonger '81). #6-75: 11-70: (Java Dove × ((Happy Birthday × Glittering Amber) × Marilyn C)) × 2-72: ((Java Dove × 24-66) × Sunset Snows). BB, 24", E-M. May not be fertile. This border iris is a peach amoena. Good contrast and great color. In fact, a color you have not seen before. It's floriferous, and a clump is a mass of color. If you're looking for something new and different, this is the one. \$25.00
- RASPBERRY JAM** (Niswonger '81). #7-78: Rangerette × Amazon Princess. SDB, 12", M. The idea behind this cross was to develop a red as vigorous as Amazon Princess. It isn't red, but one of the most vigorous of any median you'll find. Bright red-violet with deeper spot on falls. Will quickly make a clump of color. \$10.00
- SHADES OF AUTUMN** (T. Gladish '81). #4-77: Conversation Piece × Autumn Leaves. TB, 34", M. A hit at Tulsa (after the convention). Stds. are heavily ruffled buff with inflections of rust. Rusty red falls are rimmed buff. Buff streak down center, starting from tip of yellow beards. Very attractive and draws visitors to it immediately. You'll like the frilly autumn form. \$25.00

CAPE IRIS GARDENS

822 Rodney Vista Blvd.

Cape Girardeau, MO 63701

Catalog available on request

ECHO HILL GARDEN

Dorothy S. Palmer

851 Weidmann Road

Manchester, MO 63011

1981 Introductions

CONSENSUS—Sdlg. 1477A: Mystical Aura × (Sea of Stars × Meghan). A crisp and sparkling light blue-violet flower. The generously fluted standards are tightly closed. The wide, ruffled and flaring falls are deeply and precisely corrugated. They are decorated with a yellow tinge at the haft and a distinctive amber rim on the edge. The beard is light yellow tipped blue. Good growing habits and plenty of substance. Truly a graceful iris of intriguing charm. Mid to late season, 34". HC 1980.\$25.00

EASTER FINERY—Sdlg. 1477A: (Starring Role × Meghan) × Louise Watts sib. An effervescent, shimmering iris to brighten up the new Spring season. The whole flower is a mass of delightful, deep and undulating ruffles and lace. The heavily crimped light yellow standards blend outward to a white border. The wide, gracefully flared falls are light yellow at the haft, and this shade extends to the edges of the petals. But around the yellow beard and most of the falls the color is white, rimmed light yellow. It increases well and is a bouquet of delectable blooms. A real tantalizer to lure one's interest! Midseason, 36". HC 1980.\$25.00

SEEKER—Sdlg. 2776B: Involved blue-bearded breeding. Another attractive addition to the elusive search for a white iris with a blue beard. The graceful billowing standards are near white with a tinge of blue at the hafts. The wide, very ruffled falls are pale blue when opening but soon fade to white. They are accented by blue beards. The very voluptuous, crisp, glistening flowers of heavy substance have strong stalks to display this beauty. It's a healthy grower with a heritage of many long years of blue-bearded breeding. Truly an iris with flair and personality. Midseason, 34".\$25.00

STYLEWISE—Sdlg. 5275H: Mystic Isle × Yvonne Burt. A tall, stately, true lavender self. Both the shimmering, opulent standards and clean, flaring falls are lavishly fluted with deep corrugations. There is an area of white around the white beard that blends into the lavender color of the bloom. Heavy texture that can take any kind of weather. The large, graceful flowers are ideally spaced on tall, strong stalks and have a very dramatic appeal. A dreamy iris of captivating elegance! Midseason, 38".\$25.00

DUAL IMAGE—Sdlg. 2678A: ((Pinnacle × Fairday) × 10266R) × involved yellow amoena breeding. A dainty, heavily ruffled yellow amoena. The frilled standards are white, but the deeply ruffled falls are medium yellow with a hint of green in their make-up. A crimped white rim and deep yellow beard complete the color scheme. The stalk and many faultless blooms are in good proportion with the foliage. A delectable, appealing flower. It's a small spritely elf out to win everyone's heart. BB, 23", Midseason. . . \$15.00

1980 Introductions

AUTUMN SONATA, GOLD BURST, RECEPTIVE MOOD, STAR BILLING and, of course, **SHEER POETRY** (1979).

UNUSUAL IRISES

For the discriminating gardener who wants something different.

PURPLE STREAKER—1981 \$35.00

Standards and falls are victoria violet with white streaks and stripes. A good bloomer—very hardy—beautiful. See back cover of July (1981) Bulletin. Inty Greyshun × Charmed Circle. Extra—your choice of any Iris listed below.

IRIS BOHNSACK—1981 \$25.00

The first introduced variegated BB Iris. Nicely proportioned. White petals are striped with imperial violet. Best seedling in show, Omaha 1980. Extra—your choice of any Iris listed below.

PANDORA'S PURPLE—1981 \$25.00

This big-blossomed violet Iris fades after a day to reveal that it is really a plicata with violet background color. Sib to Purple Streaker. Extra—your choice of any Iris listed below.

FEATHERED FRIEND—1981 \$25.00

The first Iris with deeply lacerated petals similar to a parrot tulip. This BB Iris is a white delight. Extra—your choice of any Iris listed below.

TEN—1981 \$15.00

An SDB with Egyptian buff color that has a golden brown overlay. It is uniquely different. On a scale of one to ten, it rates pretty high. Extra—your choice of any Iris listed below.

TAKE IT EASY—1981 \$25.00

This BB Iris will be the bright spot in your garden. Standards are canary yellow; falls white with the canary yellow border. Extra—your choice of any Iris listed below.

AZ AP—1980 \$12.50

The outstanding IB pictured on the back cover of the July (1980) AIS Bulletin. Extra—your choice of any Iris listed below.

PEACHY CREAMY—TB and peachy creamy.

SHAHRONK MAHROHKI—TB—a very good brown.

DOODLE STRUDEL—TB variegated—light background with violet stripes.

INTY GREYSHUN—TB variegated. Dark violet background with white stripes.

Please list two extras in sequence of preference. We will try to give you your first choice. Date your check the date you prefer delivery.

**ALLAN ENSMINGER
Varigay Gardens**

RFD 3

Lincoln, NE 68505

FOR PLEASURE IRIS GARDENS

P. O. Box 5416

El Paso, Texas 79954

(Formerly Mount Clare Gardens of Chicago)
Specializing in Aril Irises since 1941

1981 Introductions

AMETHYST BUTTERFLY—Sdlg. 79-1, AB, 24", EM. This arilbred is quite similar to Big Black Bumblebee but a far stronger flower in growth. A sure bloomer each year with its increases the previous year. Also does not object to being moved in the fall as BBB is. Rhizomes are large with three to four increases each year. Two flowers per stalk, sometimes three. Very fertile both ways. S. purple; F. reddish tan, large black signals; tan beards. If you had trouble blooming BBB, this one won't disappoint you. Big Black Bumblebee × Ardrun. \$35.00

CHECK ME OUT—Sdlg. 73-15. AB, 24", EM. S. rose; F. slightly lighter, V-shaped signals; brown beards. A sister seedling of Amethyst Butterfly. Though not quite as strong a grower as Amethyst Butterfly, this one is more of an exhibition flower. Very tailored, onco looking flower. If you are seeking beauty and real aril appearance, here it is. Very pod fertile. \$35.00

Both of the above \$50.00

JEALOUS HEART—Sdlg. 319 os. SDB, 11", E-M. Lavender-white with a neat olive green spot on upper falls, enclosing a white beard. S. are closed, and falls are horizontal. Foliage and stem are small and there are three flowers to the stalk. The breeding goes back to its pod parent, Deep Lavender, a SDB which has much olive green in it. The olive green spot comes from the pure aril. A real beauty! Temple Dancer × unknown. Because it is a fast increaser, it is priced very low. Cross it back to the pure aril and come up with a world beater. Jealous Heart is being introduced for Dorothy Pais of Richton Park, Illinois.

. \$ 5.00

Former Introductions

1980: SCENTED OPALS (TB), LOVE FLIGHT (1/4). 1979: WINDSTOPPER (1/2).
1978: FOR PLEASURE (1/4), SNOW OVER CHICAGO (1/2), BLACK DAZZLER (1/2),
ARIL LANDMARK (pure aril). 1977: LAWRENCE WELK (TB), GENETIC BURST
(1/2), ENCHANTED MORNING (TB), STOP FLIGHT (BB), COUNTRY MORNING
(1/2), BIONIC BURST (1/2). 1976: ARIL LADY (1/4), GENETIC DANCER (1/2),
GENETIC MOMENT (1/2). 1975: MOON DUST, (1/2), MORNING RADIANCE (1/2),
WINTER'S CHARM (BB). 1974: TUL KEREM (3/4), GOLDEN DOLPHIN (1/2). 1973:
STARS OVER CHICAGO (1/2), QUOTE ME (1/2). 1972: MISS MID AMERICA (1/2),
GENETIC LEADER (1/2), GENETIC ARTIST (1/2).

Earlier Introductions

TEMPLE DANCER, TWILIGHT DANCER, SUMMER SET, ONE MORE KISS,
RADIANT SMILE, BIG BLACK BUMBLEBEE, FLURRY OF NEPAL, COLLECTOR'S
PRIDE and STRATISPHERE ANGEL.

ARIL SLIDES—No slides available until after the 1981 bloom season. Two new slide collections will be made after bloom and can be had free—by giving us a 30-day notice—to any Iris club or group of people interested in irises. Slides include all types of irises.

We have no other irises for sale except our own introductions. Send for our brochure describing all introductions since 1960. Correspondence invited at all times.

HENRY DANIELSON & LUILLA STOPANI
Phone 505 824-4299

GIBSON IRIS GARDEN

146 South Villa St., Porterville, California 93257

1981 Introductions

BRILLIANT EXCUSE—TB, M, 86 cm, Plic #53-4B.\$25.00

In this iris we have a clear deep purple-violet rimmed plicata on a crisp snow white ground. The beards are yellow with violet on the outer end, making an attractive center of interest. The flowers are broad and heavily ruffled, having good substance. 8 to 10 buds on well-branched 34" stalk. A clump in bloom is gorgeous.

CAPTURED BEAUTY—TB, M, 96 cm, Fancy Plic #29-5A.\$25.00

This one is a well-formed, ruffled fancy plicata on 38" stalks. The large blooms (6"x7") have excellent substance, 6 to 8 buds. The standards are greyed orange (RHC 164B), flushed violet (84B). The outer rim of the falls is violet, slightly darker than standards. The fine, closely speckled rim gradually thins out toward the center into a white ground. Yellow-orange (20A) beards. Reblooms here, vigorous grower.

FOREVER APRIL—TB, M, 100 cm, Blend #153-4A.\$25.00

This vigorous, bright, beautiful blend has always been the point of attraction in the garden. The ruffled, fluted and lightly laced petals of this (6"x6") perfectly shaped flower have a color combination difficult to describe. In it we see a caramel brown and violet combination with a burst of gold radiating out from orange beards. Well branched, 8 buds.

GINGERBREAD GIRL—TB, EM, 94 cm, Plic #21-4A.\$25.00

An unusually lovely and ruffled medium brown plicata (greyed orange 177B). The falls have a yellow ground and white signal patch. It is tall (37") and has large, ruffled flowers (6"x6"). The falls are 3" wide and have outstanding beards (greyed orange 163A). Good branching, 7-8 buds. In a class by itself!

HEAVENLY DUE—TB, EM, 86 cm, Plic, #21-4C.\$25.00

A perfectly formed iris with ruffled, wide flaring falls. Excellent substance. Branching and bud count good. Standards are violet-bushed on upper third of petal, merging to lower light yellow ground. Falls have $\frac{1}{4}$ " band of same crisp violet on light cream ground, merging to signal patch of pure white. Beards are lemon yellow.

RISQUE PINK—TB, M, 94 cm, Self #36-9B.\$25.00

This tall (37") and ruffled, large flowered (6"x6") pink iris is most remarkable in every way. The rich pink self has 8 buds and good branching. Large tangerine beards (many being double) are one of the outstanding features. It is from the same breeding that originated the 'triple beards' in this garden. Beautiful and should be a superior parent.

DAINTY LIGHT—BB, M, 65 cm, Plic #62-4A.\$12.50

A bright, daintily ruffled varigata plicata. Standards are a bright clear yellow, no markings. Falls have $\frac{1}{2}$ " yellow rim, speckled red-brown, with deeper brown (greyed red 182A) hafts. Clean white signal patches finish up the lovely ruffled falls. This border bearded iris has been most attractive to our guests.

Order three TB varieties and select another free. Order four TB varieties and the other three listed here will be sent free. (Only one of each in a collection). California residents please include sales tax. A \$2.00 charge on all orders shipped to assist in handling and shipping. No orders after August 15 please.

TED SHINER

TB, 31", (Autumn Leaves × Calypso Bay). White, trimmed brown plicata. Nine buds, three branches. Ruffled with excellent color contrast and clean. Named in memory of Ted Shiner, who was thrilled with it as a sdlg. Ted was the husband of our former RVP and was present at and helped with many of our iris functions. Pod fertile only. Sdlg. 636-6, midseason. \$25.00

ALICE REMEMBERED

TB, 33", HC '79—Huntsville. (Whirling Ruffles × Point Clear). Deep, vibrant old rose, all petals heavily laced. Huge, fuzzy, bright orange beards. Nine buds, three branches, medium flowers. Named in memory of our former area chairman, Mrs. Alice McCartney. She organized and guided our area for the past ten years. Fertile both ways. Sdlg. 613-1, midseason. \$25.00

WARMED BY THE SUN

TB, 34". (Starring Role × Bride's Halo). Smooth, wide, non-fading pure gold self including beard. Ruffled with three branches and eight buds. Fertile both ways. Sdlg. 846-1, mid to late. \$25.00

STERLINGOLD

IB, 16", Sdlg. 1137-1: (Evening Radiance × Stockholm). Round, flaring, ruffled gold self; self beard. \$10.00

STRONDA

SDB, 14", Sdlg. 1166-1: (Stockholm × Soft Air). Smooth, bright deep yellow. Ruffled and flaring. One branch and four buds. Fertile both ways. \$ 7.50

SILKENGOLD

IB, 17", Sdlg. 1143-1: (Sunset Snows × Stockholm). Falls velvety bright yellow; standards silken lighter yellow; yellow beards. Round, ruffled and flaring. \$10.00

OUTSTEP

SDB, 13", Sdlg. 588-1: (Stockholm × Runaway). White, trimmed blue-purple plicata. Excellent clumper! One branch, 3 buds. Ruffled and pod fertile. \$ 7.50

BRUSK

SDB, 12", Sdlg. 1254-1: (Hee Haw × 556-10: (Tornado Capers × Soft Air)). Brilliant yellow, trimmed bright red plicata. Moderate ruffles and flaring. One branch and 3 buds. Fertile both ways. \$ 7.50

AGRIPPINE

JA, 38", Sdlg. 1199-1: (World's Delight × Agrippinella). Smooth pink—same color as Pink Taffeta (TB). Mild yellow signals. Ruffld, one branch, four buds. Double and fertile. \$25.00

IPSUS

JA, 36", Sdlg. 944-1: (Star at Midnight × Thunder and Lightning). Smooth, velvety navy blue, ruffled, wide and round. Contrastly small gold signal. One branch and 4 buds. Double and fertile. \$20.00

ANYTUS

JA, 38", Sdlg. 946-3; (blue sdlg. #1 of unknown parentage × Reign of Glory). Ruffled lavender-blue. One branch, 4 buds. Double and fertile. \$20.00
Postage and handling paid on orders over \$25. On orders under \$25 add \$2 postage and handling. Japanese irises shipped April, May and September. Bearded shipped mid-July.

STERLING INNERST

2700-A Oakland Road

Dover, PA 17315

LUIHN'S IRIS GARDENS

Walt and Vi Luihn

523 Cherry Way

Hayward, CA 94541

• 1981 Introductions •

FIRE CREEK (Walt Luihn '81). #76-6. TB, 32" (81 cm), M-L. ((Caro Nome × Opera News) × Harbor Fire). This vibrant shade of violet seems to be compatible with just about every shade of iris in the garden, and adds a note of interest no matter where it is planted. All three of its immediate ancestors have contributed their best qualities toward its overall appeal, its pollen parent perhaps having made the greatest contribution. FIRE CREEK, like its pollen parent, has great depth of color as well as extreme width, and seldom exceeds 32 to 34 inches in height. It is charted as aster violet (HCC full 38), is wide and lightly fluted with sturdy stems and good substance. The falls have a slightly lighter area around its conspicuous beards, which are bright poppy red, blending to blue-violet at the tip. If you liked its parents, you will surely like this eye-catcher.\$25.00

PACIFIC GROVE (Walt Luihn '81). #77-32-C. TB, 38" (97 cm), E-M-L. (Full Tide × Added Praise). Named after one of the many picturesque towns which dot our magnificent California coastline and which we like to visit whenever possible for complete peace and relaxation, the iris PACIFIC GROVE seems to afford all who see it this same luxury. It is a smooth shade of lobelia blue (HCC 41/1), lightly rippled and waved as the ever-changing shades of blue sparkling on the sandy beaches. It is extremely hardy with exceptionally strong, well-branched stems and good increase. The very wide and thick-substanced flowers are lightly ruffled with slight venations radiating out from the thick cadmium orange beards, which gradually merge to pale cream at the tip. A very peaceful and appealing flower.\$25.00

PINK JAMBOREE (Walt Luihn '81). #76-9. TB, 36" (91 cm), M-L. (Pink Sleigh × (Tahiti Sunrise × ((Kiss of Fire × Arctic Flame) × Gaulter 62-15))). Although this tall and vigorous pink will reach the height of 35 to 36 inches, its sturdy stems are robust enough to withstand the most adverse of weather conditions. The large blooms are in proportion to its abundant plant habits, and are a delightful shade of light rhodamine pink (HCC 527/3), held very erect on well-branched stems. The very broad and heavy substanced standards and the wide and nearly horizontal falls are all heavily laced and crimped, set off by brick red (016) beards. Upon looking into the center of the flower, we find that it is lightly washed with a slightly deeper shade of pink, giving it a lustrous heart-warming glow.\$25.00

MELROSE GARDENS

309 Best Road South

Stockton, California 95205

1981 Introductions

Tall Bearded

DAZZLING GOLD (D. C. Anderson). See the color photo on back of the 1980 Fall <i>Bulletin</i> . Brilliant yellow, red striping over the falls. Beautiful form.....	Net \$30.00
BEL CANTO (Hager). Big, ruffled full orchid.....	Net \$25.00
STACY (Bond-Terrell). Cream self; heavy substance.	Net \$25.00

Novelty

LAMIA (Hager). Feminine, but with horns.	Net \$15.00
---	-------------

Reblooming

PUNKIN (Keppel-Hager). Deep, glowing orange.	Net \$15.00
---	-------------

Border Bearded

AUDACIOUS (Hager). White with red beards.	Net \$10.00
--	-------------

Intermediate Bearded

THREE DOLLARS (Hager). Silver blue.	Net \$ 7.50
--	-------------

Standard Dwarf

FRISBEES (Hager). Cream and maroon bicolor.	Net \$ 7.50
--	-------------

Half Arilbred

KHYBER PASS (Kenneth Kidd). Patterned falls with signals.	Net \$20.00
--	-------------

TABRIZ (Kenneth Kidd). Huge pale grey; small signals.	Net \$20.00
--	-------------

COOL OASIS (Hager). Blue-violet bitone; branches.	Net \$15.00
--	-------------

Quarter Arilbred

DUNE (Hager). Wide-petaled golden sand self.	Net \$15.00
---	-------------

BARELY MOHR (Hager). Brown bitone; small signals.	Net \$15.00
--	-------------

HUMOHR (Hager). Violet, irregularly splashed white.	Net \$15.00
--	-------------

Siberian

WALTER (Helen V. Savage). Ruffled venetian blue.	Net \$20.00
---	-------------

CHILLED WINE (Hager). Wine with blue blazes.	Net \$20.00
---	-------------

Spuria

CUSTOM DESIGN (Hager). Smooth, dark maroon-brown.	Net \$20.00
--	-------------

ELAN VITAL (Hager). Huge, ruffled cream and yellow.	Net \$20.00
--	-------------

FOLLOW THROUGH (Hager). Very late bloom, veined blue.	Net \$20.00
--	-------------

Louisiana

LITTLE MISS SIMS (Chowning). Small flowers, short, mauve-purple. A charmer.	Net \$20.00
--	-------------

LOUISE RIX (Sam Rix). From New Zealand. Huge rose, distinctly veined rose-red.	Net \$20.00
---	-------------

DARK TIDE (Hager). Large flowered deep violet.	Net \$20.00
---	-------------

MENTIDE (Norris). Deceptive but beautiful dark violet.	Net \$20.00
---	-------------

Also DAYLILY introductions from Geddes Douglas and Ben R. Hager.

All prices are NET with no handling charges, post paid (except for Air carrier).

EXCELLENT PLANTS but no Extras. Catalog on request—\$1.00.

LES PETERSON – IRIS – NEW FOR 1981

1320 Murphy Lane • Salt Lake City, Utah 84106

Tall Bearded

ESKIMO HARBOR. TB, 32" (81 cm), ML. Standards are nicely formed, wide and white as the snowy stretches of the Far North; falls as deep blue as those Arctic waters. Beards sombre yellow. Both standards and falls sparsely but pleasingly ruffled. Branching, substance, vigor and bud count (7-8) excellent. Barletta × (Morn Aglow × Marquesan Skies). HC '80. \$25.00

SUNBONNET PLIC. TB, 32" (81 cm), ML. Standards exquisitely fashioned in medium chrome yellow, white reverse. Falls pale oyster shell white with quarter inch chrome yellow edge. Brown markings and dotting across hafts to end of blue-tipped brown beard. All traits: Branching, substance, texture, bud count (7-8) splendid. Amanda Sings × Saddle Shoes. HC '80. \$25.00

Arilbreds

DAWN CARESS. AB (1/2), 24" (61 cm), EM. Large, well-proportioned arilbred of medium pale lilac with subdued bronze-lilac beard. Standards wide, full and cupped. Falls also wide and nicely semi-recurved. Large flower. Bud count 4-5. Vigorous and distinctive. Esther, the Queen × Tuesday Song. HC '80. \$20.00

FIRST HURRAH. AB (1/4), 28" (71 cm), M. Parentage: TB Fluted Haven × AB Nicosia: [Irish Touch: (Imaret × Soni Ce) × Esther, the Queen]. With this impressive arilbred influence, this attractive self of combined Indian blue (HCC 51/2) and capri blue (52/2), with reddish tangerine beard, can well be a milepost in the advancement of these fiery-colored beards into the arilbred class. Although leaning toward the TBs in appearance as to branching, foliage, height and bud count (7 average), this could prove advantageous where care and proper pod parent selection is practiced in hybridization. Limited stock. \$20.00

LEBANON MIST. AB (1/2), 20" (51 cm), EM. Standards are large, wide, cupped and of clean white; falls, nicely recurved, are pale oyster shell white, deeply tinted bronze-grey across hafts and surrounding like-colored beards and small signal. An arilbred lover's choice. ((Glory Born × Tuesday Song) × (Glory Born × Tuesday Song)) × Story Theme. HC '80. \$20.00

Previous AB and TB Introductions

SCOTCH GOLD '80. AB (1/2), 20-22" (51-56 cm), M. Standards light wheat straw tan-yellow, veined deeper straw yellow, color of falls. Few brown lines at sides of brown beard. ((Glory Born × Tuesday Song) × (Glory Born × Tuesday Song)) × Story Theme. HC '79. \$17.50

CHARM TICKET '80. AB (1/2), 24-26" (61-66 cm), EM. Medium graham cracker tan with wide area of soft sky blue in center of slightly semi-flaring falls. Dull yellow beards. Plenty of good traits. Genetic Artist × (Card of Thanks × Tuesday Song). HC '79. \$17.50

For those who might be intent on developing or originating a redder red iris, please consider the following as potential sources or parents. All were top winners the past two years at Italy and are apparently becoming such in domestic competition. (See AIS Bulletins Oct. '79 (p. 56) and Oct. '80 (p. 84) for award winnings at Italy).

LE SEDNA '77. Very smooth medium deep red with blue-lavender beards, adding uniqueness to the flower. HM '79. Limited stock. \$12.50

SPANISH HARLEM '77. Charming dark maroon self. Bronze beards. HM '80. . . \$ 7.50

ROJO ADVANCE '80. Large medium dark red self with deep orange beards. HM '80 at Italy. \$20.00

Collection of above three reds—Special discount price—\$30.00

ORDER FROM THIS AD—PLEASE

INTRODUCING FOR 1981 . . .

- CLEARFIRE**—TB, 36", early to midseason (Stevens '81). \$25.00
A vibrant, ruffled mahogany red (RHS 59B) self; self beard. Large flower with excellent branching and up to ten buds. Impeccable self with no white marks in hafts, east grower. No. 76-12-31: (Red Raven × Post Time). HC 1979.
- SUNDAY BRUNCH**—TB, 35", midseason (Stevens '81). \$25.00
Ruffled and laced, but large blooms of a typical Louise Watts offspring. Rosy standards and lavender falls, all petals rimmed light brown. Lighter area on falls and gold markings near hafts. Likes to set 3 blooms open at a time, twice per stalk. Yellow beards. No. 76-24-5: Louise Watts × 73-16-11: ((Ever and Ever × Orchid Jewel) × (Orchid Jewel × Rippling Waters)).
- VANITY SKIRT**—TB, 34", midseason (Stevens '81). \$25.00
Extremely laced and crimped purple flowers of good size. Lighter area on the falls emphasizes some veining, which enhances the beauty and uniqueness. Bud count and branching acceptable. No. 76-48-6: 73-16-16: ((Ever and Ever × Orchid Jewel) × (Orchid Jewel × Rippling Waters)) × Beaux Arts. HC 1979.
- PLEATED GOWN**—TB, 34", ML (Roderick '81). \$25.00
Medium yellow standards with heavily pleated and ruffled white falls, yellow beards and hafts. Extra strong, well-branched stalks with 7 buds. Charmingly beautiful. No. Y7701: (Mellow Yellow × Mount Spokane). HC 1980.
- SEA PILOT**—TB, 36", ML (Roderick '81). \$25.00
Glistening white standards with broad, ruffled, medium blue falls set off with big bright yellow beards. Show stalk branching with 7 to 9 buds. One of two introductions from the popular Ruffled Ballet line. No. B7910: (Ruffled Ballet × Misty Shadows).
- STAR WARS**—TB, 36", ML (Roderick '81). \$25.00
Indigo blue-purple self. Heavily ruffled falls with blue beards. Excellent branching with 9 to 11 buds. Many stalks will open five large blooms at once. A garden favorite since it first bloomed as a seedling. Dark and alluring. One of two introductions from the popular Ruffled Ballet line. No. PU7802: (Ruffled Ballet × Navy Strut). HC '79, '80.

Please add \$2.50 for postage and handling.

RODERICK IRIS GARDEN

1137 N. Main Street

Desloge, MO 63601



D. STEVE VARNER — ILLINI IRIS

RR 1, Box 5, N. State Street Road
Monticello, IL 61856
Ph. 217-762-3446

1981 Introductions

WEE DOLL (Greenlee-Varner). G2, MDB, EM, 5". Delightful and distinctive. Stds. are light lilac (RHS 97D) and flaring falls are lilac (94D). Accenting beards are white. (Pearl Sheen × (Cretica × Cherie)F₄). \$15.00

DIVINE GRACE—V591, TB, 34", ML. A pleasing personality in a ruffled, light blue reverse amoena. White tipped tangerine beards. Stds. light blue (104), falls white, tinted blue (108). Excellently branched stalk with 8 buds displaying its wide blooms. (Pearl Chiffon × Sapphire Hills). \$25.00

GLADYS O'KELLY—V574, TB, 36", M-ML. Excellently poised, lightly ruffled deep light blue (RHS 107D) self. Blue beards tipped light yellow. Best light blue I have seen. Strong, stately, well-branched stalks. (Sapphire Hills × Healing Touch). \$25.00

INVADER—V8192, Siberian, 30", ML. Flared and furled wide parts gracefully assembled in flat form. Stds. are light medium deep blue. Falls are medium deep blue from lavender side. Light blue stylearms add contrast to its harmony. (Royal Herald × Tealwood) × (Little Tricolor × Tealwood). Net \$25.00

SOLE COMMAND—V9250, Siberian, 32", ML. Outstanding beauty! Two large, wide flowers per stem. Gracefully durable. Stds. are full blue, falls are dark blue. The wide pale blue stylearms have aqua midribs. (Marlya × Marlya). Net \$25.00

1980 Introductions: LILAC AND LAVENDER, ROSE GARDEN, AGAPE LOVE, DAWN MELODY, STOLEN LOVE, KISMET, ODE TO LOVE, OUTER LOOP.

1979 Introductions: AVON, BATTLE FURY, BELFAST, BETTY WOOD, MT. COOK, NEW WINE, PRAIRIE PEDDLER, RARE JEWEL.

1978 Introductions: ANN DASCH, FRAGRANT CLOUD, FRIENDLY WELCOME, FULL CRY, GUYS AND DOLLS.

We extend a special invitation to visit our garden after the Convention. We expect good bloom and can be reached via interstate highways.

Order directly from this ad or request our price list with more detailed descriptions of our irises and also listing hemerocallis, our former introductions and others' Siberians. Please add \$2.00 to help with packing and shipping. Bearded iris orders will be shipped in order received, starting July 1, and Siberians starting Sept. 10—unless you specify desired shipping dates. Please give street or RR and directions for UPS delivery.

1981 INTRODUCTIONS

PINK GRACES —TB, 32", M. Medium pink self. Flared falls, domed stds.	
Heavily laced. HC '80.....	\$30.00
ROYAL THALIA —TB, 36", M. Heavily laced royal purple self. Flared falls, domed stds. HC '80.....	\$25.00
ROYAL NUGGET —TB, 36", M. Bright yellow self, dark yellow beard. Ruffled, overlapping falls. RTGA '77.....	\$20.00

ROYAL IRIS GARDEN

24533 N. Wind Lake Road

Wind Lake, WI 53185

Remember . . . St. Louis Convention **May 12-16, 1981**

Headquarters: St. Louis Marriott Airport Hotel (314) 423-9700

Convention Register: Sheldon Butt (618) 466-1842

See the last issue for details.

BLODGETT IRIS GARDENS

1008 E. Broadway

Waukesha, WI 53186

1981 Introductions

PEACH CHAMPAGNE (A. Blodgett). TB, 32", ML. Pink Favorite × (Bandolier × Pink Favorite). S. ruffled peach (512/3); F. ruffled and a shade lighter; deeper peach beards. HC '80.....	\$25.00
VIOLET CLOUD (R. Blodgett). TB, 37", M. (Violet Design × Instant Charm). S. light blue-violet, domed and ruffled; F. shade deeper, broad and ruffled; orange beards tipped white. Well branched, 7-8 buds.	\$25.00
DANCING PIXIE (R. Blodgett). SDB, 11", M-L. Unknown parentage. Campanula violet (HCC 37/1) self; violet beards.	\$10.00
PETITE PINK (R. Blodgett). SDB, 11", M-L. (Pink Cushion × 75-20D) × 573: (Pink Cushion × 379). S. orange-buff (HCC 507/3); F. orange-buff with violet striations below beards; nastrium beards tipped white. HC '80.	\$10.00

Previous Introductions

LIGHTED WITHIN	TB '80....\$25.00	WA WA	SDB '80....\$10.00
FAVORITE'S		COPPER FLAME	TB '78....\$12.00
DAUGHTER	TB '79....\$15.00	PERSIAN MORN	TB '78....\$10.00
CHIEF WAUKESHA	TB '78....\$10.00	SNOWY OWL	TB '78....\$ 3.50
PEACH FESTIVAL	BB '78....\$ 5.00	GYPSY BOY	SDB '78....\$ 3.50
DOLL DEAR	SDB '80....\$ 7.50	SNOW PIXIE	SDB '78....\$ 3.50

No price list. Please order from this ad.

Please include \$1.00 for postage and shipping.

1981 Introductions

TAMARON—TB, 32", M, Sdlg. 77-11: ((Pipes of Pan sdlg. × Pipes of Pan sdlg.) × Touche). Standards are smooth, warm cream with an infusion of plum blending out from the midribs. Flashy, wide orange beards radiate charm and are surrounded by a small white blaze. Rosy plum falls are fluted and semi-flaring. Good branching. Fertile both ways. \$25.00

NORTHLANDER—TB, 33", M, Sdlg. 77-14: ((Dream Time × sdlg.) × Rippling Waters). Domed light rose-lilac standards. Light lilac beards. Fluted falls are light lilac over the hafts, flowing into deeper tones. Some lace. Medium large blooms which flare. Plants are strong, vigorous and dark green, which comes from the Dream Time breeding. Fertile both ways. \$25.00

Also available—**NORBULINKA** and **BLONDE BEAUTY**—my
1980 introductions

JOHN E. GRIFFIN

1712 Edgewood

Sioux Falls, South Dakota 57103

NEW STANDARD DWARFS FOR 1981

MICLITE (Emma Hobbs). SDB, 8-10". Sdlg. 6216: (purple pumila × Pink Talcum) × self. Pale buff-yellow stds.; falls slightly deeper; self beard. Classic doomed stds. and nicely rounded falls. \$7.50

LITTLE CHRISTOPHER (Violet Boone). SDB, 14". Sdlg. 3-29-79: Tinkerbell × Lilaclil. Medium blue-orchid with slight halo on falls in cool weather. Semi-flaring falls, lightly ruffled. Pale yellow beard tipped orchid and white. Early blooming over long period. \$7.50

Co-Introduced with Contemporary Gardens

JOYCE McBRIDE (Wm. Jones). SDB, 10", VE. Very ruffled plicata. Excellent substance. Buds are bright purple with yellow ground. Open flower has a yellow infusion in upper white ground color. Unique and appealing. \$7.50

NANCY ALANE (Wm. Jones). SDB, 12", E. Wide and round ruffled form. Rich dark beauty with purple stds. and rich maroon falls, edged purple; purple beard. \$7.50

Co-Introduced with Palmer Iris Gardens

PRANCER (Cleo Palmer). SDB, 14", VE. Closed, ruffled, medium light violet stds. Falls same to more mauve with dark red-violet halo spot. Very wide, round and ruffled with overlapping hafts, heavy substance and horizontal flare. Light bronze beards tipped violet-blue. Excellent form. \$7.50

ENCHANTED MAGIC (Cleo Palmer). SDB, 14", M. Stds. white with tint of yellow at base. Ruffled and slightly open showing white styles with yellow crests. Wide, round, ruffled, medium deep yellow falls with heavy substance and semi-flaring. Orange beards. \$7.50

RIVERDALE IRIS GARDENS

7124 Riverdale Road

Glenn and Zula Hanson

Minneapolis, MN 55430

MINIATURE TALL BEARDED IRIS

BETTINA (1981). MTB, 23" (58 cm).....\$10.00

Tiny white flowers with just a touch of orchid-pink plicata markings at the hafts. Orchid-pink streaks on style crests and style branches. Lightly ruffled.

CHICKEE (1980). MTB. Ruffled bright butter yellow self.\$ 7.50

Price list of previous introductions sent on request.

MARY LOUISE DUNDERMAN

480 White Pond Drive

Akron, Ohio 44320

FIDDLESTICKS (Spahn '81). TB, 33". Exceptionally nice, flaring, orange self with prominent reddish orange beards. Extremely ruffled and fluted, plus some lace. Vigorous grower. The best orange I've seen. Sdlg. 76B1: (Sleeping Beauty × Isle of Capri).\$30.00

FOUR LEAF CLOVER (Spahn '81). TB, 32". Real horizontal flare on this one. Unfading deep yellow self with small white spot near orange-yellow beards. Closed, arched standards and nicely ruffled thruout. Sdlg. 72A2, HC 1979 (9 votes). (Kingdom × New Moon).\$25.00

MELODY MILL (Spahn '81). TB, 36". Large, light orange with a definite pink infusion. Tall, extra sturdy, well-branched stems won't blow over. Rounded, semi-flaring falls are ruffled, flaunting tangerine beards. Sdlg. 76A2: (Isle of Capri × Sayonara).\$25.00

BOO HOO (Spahn '81). BB, 21". Creamy pink and light yellow blend, falls having more yellow. Lighter area near bright tangerine beards. Ruffled and fluted. Sdlg. 74F3: (Morning Breeze × Kingdom).\$15.00

HILLBILLY HEAVEN (Spahn '81). BB, 22". Pink standards with creamy white falls, tinted pink; soft yellow haft. Nicely ruffled and laced. Tangerine beards. Sdlg. 74A4: (Rippling Waters × After All).\$15.00

1981 introductions can be purchased at half price with NO EXTRAS
or all 5 for \$50.00

Previous Introductions

For descriptions, see past Spring Bulletins or my price list.

EDELWEISS	'80.. \$20.00	SOPHISTICATED LADY	'79.. \$15.00
SAYONARA	'80.. \$20.00	BRAHMS' LULLABY	'78.. \$10.00
SLEEPY LAGOON	'80.. \$20.00	LIEBESTRAUM	'78.. \$12.50
BESAME MUCHO	'79.. \$15.00	SLEEPYTIME GAL	'78.. \$10.00
MEXICALI ROSE	'79.. \$15.00	ISLE OF CAPRI	'77.. \$10.00
		SUNRISE SYMPHONY '77.. \$8.00	

Attractive, discounted prices on previous introductions and 350 other newer TBs. Write for price list. Please add \$1.00 for postage on all orders.

FRED E. SPAHN

1229 Lincoln Ave.

Dubuque, Iowa 52001

HENRY C. ROWLAN

12 Roxbury Drive

Little Rock, Arkansas 72209

1981 Space Age, TB and Louisiana Introductions

ANGEL'S VEIL —Sdlg. 77D-1. Space Age TB, 36", M. (Miz Lib × Joy Ride). S. white ground, red-brown markings; F. white center, narrow plicata border of red-brown, deeper around beard and on shoulders. Yellow beards with one inch red horns. LIMITED SUPPLY.....	\$35.00
BAYOU WATERS —Sdlg. 77LC-15. LA, 35", M. (Lake Maumelle × Dixie Deb). Greyed violet-blue with crested yellow line signal, bordered full violet. LIMITED SUPPLY.....	\$25.00
SAVAGE MOON —Sdlg. 75AO-4. TB, 36", M. (Grand Alliance × War Lord). Ruffled dark red-violet with brown shoulders. White around orange-brown beards. LIMITED SUPPLY.....	\$25.00
WINTER'S VEIL —Sdlg. 77LG-6. LA, 32", M. (Mrs. Ira Nelson × Gypsy Moon). White self, yellow signal. Underside of falls is yellow. COMPACT GROWER. LIMITED SUPPLY.	\$30.00

1978 Space Age TB Introductions

HULA MOON —Ruffled barium yellow; violet-tipped horns. HC '77.	\$12.50
SPACE ANGEL —Ruffled white; white horns or flounces.	\$12.50
SPACE CHARM —Lightly laced cream self; white horns.	\$10.00
TORNADO CLOUD —Full violet self; short violet horns.	\$12.50

No catalog—Order from this ad.

KEITH KEPPEL

P.O. Box 8173

Stockton, California 95208

Introducing in 1981 . . .

BROADWAY (Keppel) Spectacular variegata-plicata with deep gold standards and ivory falls, widely banded red-brown.	\$25.00
CASBAH (Keppel) Variegata-fancy, with pale golden tan standards and white falls with all over washing of light violet, plus red-violet rim.	\$25.00
GODDESS (Keppel) Peaches and cream standards, ivory falls blushed peach. Beards ivory cream to peach. Plicata recessive.	\$25.00
NEFERTITI (Gatty) Pastel creamy pink standards infused orchid; falls orchid, aging to lilac white with mauve marginal band. Gorgeous.	\$35.00
SCOTCH BLEND (Gatty) Softly blended greenish tan, falls suffused with yellow. Ruffled and semi-flared, at times faintly laced.	\$25.00
SYMMETRY (Gatty) Large, heavily ruffled and flared white with orange-red beards tipped white.	\$25.00
THEATRE (Keppel) Neglecta-plicata with soft lavender-violet standards, white falls dotted and washed purple heather.	\$25.00
VILLAIN (Keppel) Late-blooming novelty bicolor with olive standards and red-dish-toned purple falls.	\$20.00
DANCING CLOUDS (Gatty) Intermediate plicata; soft lavender standards, white falls banded lavender.	\$10.00
LIEBLING (Gatty) Intermediate with blue-white standards flushed violet, cool white falls.	\$10.00

Catalogue on Request

CALVIN HELSLEY

Box 306

Mansfield, Missouri 65704

MORNING MUSICALE (Helsley '81). TB, M, 34".\$25.00

Morning Musicale offers wide, overlapping falls, extremely heavy substance and ruffled flowers of a blend of cream and light yellow with darker hafts and beard. 5 buds. Elizabeth Miles × Arctic Dawn. Sdlg. 6Y-CH-77.

SNOW BEACON (Helsley '81). TB, M, 36".\$25.00

A ruffled, wide-petaled white sounds ordinary until you add a really huge yellow-orange beard. The same beard color spills out on the hafts like a bright light shining down on the snow below. Vigorous. 6 buds. Launching Pad × Arctic Dawn. Sdlg. 5W-CH-77.

JUBILOSO (Helsley '79). TB, EM, 38". Stylish light yellow.\$22.50

DOXOLOGY (Helsley '78). TB, M, 38". Stylish light lavender self.....\$10.00

BUTTERMILK FROST (Helsley '77). TB, M, 38". Large ruffled cream. .\$. 5.00

List available upon request

HAMNER'S IRIS GARDEN

960 No. Perris Blvd.

Perris, CA 92370

1981 Introductions

ARCTIC BLOND—TB, E-M, 34-35". This early beauty is a reverse bicolor. The strong, upright stands are Naples yellow with a touch of pink radiating up the midrib. The wide, creamy falls are lightly banded Naples yellow and are lavishly laced and ruffled. Bright tangerine beards add charm. Substance and branching are excellent. Sib to Trousseau Lace. Sdlg. #75-143: (Dawn Delight × Winter Fantasy) × Happy Bride. HC '80.\$25.00

BAJA BANDIT—TB, M, 34". A colorful golden bronze self that will steal your heart with its bold golden glow. Good form with upright stands and lightly ruffled, wide flaring falls. Self beards. Sib to Good Earth. Sdlg. 77-90: Spiced Honey × (Taste of Honey × Honey Nectar). A real eye-catcher.\$25.00

HEATHER CLOUD—TB, EM, 35". This lovely iris reminds one of the colorful clouds of an evening sunset. Upright stands are mellow purple. Lilac falls are wide and ruffled. Beards are orchid-pink. This beauty reblooms in our mild California climate. Sdlg. 77-15: ((Candy Sweet × Cloud Dancer) × (Sea Air × Beaux Arts)) × Heather Blush.\$25.00

MISTY RAINBOW—TB, ML, 34". Pastel rose-purple stands are wide and upright. The ruffled falls are a blend of rhodamine purple, light blue and cream. A creamy wash overall intensifies as the flower ages. Tangerine beards. Sdlg. 77-101: ((Misty Dawn × Touche) × Becky Lee sdlg.) × (New Moon × Becky Lee).\$25.00

SUN CIRCLE—TB, M, 38". Large attractive golden yellow and white bi-color. The golden yellow stands are strong and upright. The clean white falls are precisely bordered golden yellow and are nicely ruffled. Substance and branching are excellent on this outstanding iris. Beards are gold. 77-052: Fashion Rings × Joyce Terry.....\$25.00

Price list sent by request

WEDOW IRIS GARDEN

535 South Elm Street

Denver, Colorado 80222

- WEDDING CAKE** (Magee '81) TB, 33" M. Frosting for a happy day! Upright cream standards, pencil edged with light lace darker cream. Horizontal off-white falls, pencil edged with darker cream light lace. Yellow haft marks. Yellow beards grading to orange at throat. Ruffled standards and falls. ((Strike Me Pink × Fair Luzon) × Pink Sleigh) × ((Mary Randall × Strike Me Pink sib) × Above All). EC 1980. \$25.00
- SKY BIRD** (Magee '81). BB, 27", M. Dancing silver wings! Blue off-white self. Closed standards, flaring falls. Both ruffled. Brown haft markings, grading to blue across the falls. White beards grading to yellow in throat. Broad Meadow × (Winter Olympics × (Elf × Brigadoon)). \$12.00
- OHIO VIOLET** (Magee '81). SDB, 9", L. Nostalgic childhood flower. Upright deep violet standards. Brown-red haft bleeding to iridescent red-violet horizontal falls. Beards violet to slight yellow in throat. ((Bang × Martel) × (Blue Sapphire × Brigadoon)) × Cherry Garden. EC 1978 and 1980. . . \$12.00

1981 TALL BEARDED IRIS INTRODUCTIONS of Loleta Kenan Powell

- AT MIDDAY**—34", E-L. Tailored rich gold self; heavy bloomer Sdlg. 78-43: (Carolina Gold sdlg. × Carolina Gold). \$25.00
- BLUE LAVENDER FLUFF**—34", E-L. Frothy, delightful derivative; self beards. Sdlg. 77-30: (Atlantic Ripples × Marie Phillips). \$25.00
- CAROLINA DOLL**—34", M—L. Adorable laced pinkish orchid self; gold beards. Sdlg. 78-21: (Atlantic Ripples × sdlg.). \$20.00
- FORECAST RED**—36", E-L. Prolific, ruffled, luscious wine red self. Sdlg. 77-62: (Casino Queen × Prince Indigo). \$20.00.
- MULBERRY FLIP**—35", M-VL. Flip-tipped plicata of great charm. S. white, washed mulberry; F. white, stitched mulberry trim. Sdlg. 78-21: ((Grape Accent × (High Life × Casino Queen)). \$25.00
- ROSY RINGS**—36", M-VL. Rosy white-based plicata, rose-stitched edges; tangerine beards. Sdlg. 77-28: ((High Life × (Casino Queen × High Life)). \$25.00
- TROUBADOR'S LYRIC**—35", E-L. Vigorous, reliably heavy-blooming amoena. S. white; F. mulberry-purple, edged white. Sdlg. 77-9: (Gay Parasol × Camelot Hues). \$20.00

*Please include \$3 handling and postage—add extra for air mail.
Large catalog of Irises, Daylilies, Perennials, Hostas, Conifers—\$1.00*

POWELL'S GARDENS

Route 2, Box 86

Princeton, NC 27569

GEORGE A. SHOOP

12560 S.W. Douglas

Portland, OR 97225

HULA GIRL (Shoop '81). TB. 36", M. Reverse bicolor. Standards are deep lavender-purple. Falls are flaring peachy pink, making a remarkable contrast. Tangerine beards. Something in a fine iris that is new and different. Sdlg. 74-6: (71-5 from a long line of pinks × B. Jones sdlg. inv. Irene Nelson).....\$25.00

SOCIAL CLIMBER (Shoop '81). TB. 36", M. A large pure deep pink that is ruffled and full. Large 7" blooms on a branched, strong stalk. Sdlg. 75-5-2: (Blond Goddess × Bright View).\$25.00

LUCKY LOCKET (Schoop '81). BB, 24", M. A flaring fancy amoena. Standards are white. Falls have a white band around edge. Purple irregular lines down falls, making a nice pattern. Bright tangerine-red beards to finish flower off. Well branched. Neat! Sdlg. 75-10: (blue bitones × sister to Delphi). . \$25.00

Two of the above \$40.00

DELPHI, FANCY TALES and SO RARE (all '80).each \$20.00

BOSWELL IRIS GARDEN

Carl and LaRue

1821 Gross Lane

Concord, CA 94519

Introductions 1981

FROSTY PASTEL (Carl Boswell '81). BB, 22", Sdlg. 88-72-2. (Wendy's Pretty × Pink Sleigh). Pale lilac-white, fading to pale pink-white; self beards. Heavy substanced flowers with frosty look. Seen and well liked at '78 convention in San Jose. EC '79.\$12.50

SMOKE WITH WINE (Carl Boswell '81). AB-MED (1/4), 12", Sdlg. 28-71-1. (Cherry Garden × (Beisan Aga × oncogelia sdlg.)). S. smoky yellow, blending to wine at base. F. wine-red at hafts and around beards, blending to smoky yellow, yellow band on edges; wine beard. Well accepted as a seedling. Stands out in the garden. EC '79.\$12.50

1980

EYELASH—SDB, 11". Small dainty flowers, light buff with red-brown eyelashes on F.\$ 4.00

PLUM PLUM—SDB, 13". Plum self with darker spot on falls.\$ 5.00

SARANAP—IB, 18". Oyster white, gold edging.\$ 7.50

CONCORD SPRITE—MTB, 22". Violet and maroon dotting on white.\$ 7.50

Order from this ad. Make check payable to Carl Boswell. July shipment. Add \$1.00 for handling and shipping.



Vagabond Gardens

11115 Bodega Highway
Sebastopol, California 95472
(707) 829-2117

For 1981

PERSIAN BOY (Dr. P. A. Loomis by Frank J. Foster, selector). Early-Mid-season, Aril-Median, 15" (38 cm), Sdlg. F049. S. violet (RHS 88C); F. greyed purple (72A), red-purple signals; dull gold beards. Unknown parentage, possibly a Wm. Mohr seedling. Typical onco in appearance, recurved falls. Very easy to grow, 3-4 buds per stalk.	\$12.50
WINE FESTIVAL ('80). TB, plicata.	\$20.00
ALABAMA BOUND ('79). TB, white.	\$12.00
CINNAMON KISSES ('79). TB Rebloomer, bicolor.	\$15.00
COTATI ('79). Border, dark violet, most popular!	\$ 8.00

Catalog Available on Request.

BROWN'S SUNNYHILL GARDENS

Route 3, Box 102
Milton-Freewater, OR 97862

BIG DIPPER (O. Brown '81). TB, 36", M. Large, beautifully frilled light mimosa yellow. Domed stands and wide semi-flaring falls. Tall, well-branched stalks. Superb performer. ((Dawn Flight × Winter Olympics) × inv. pinks) × Yellow Chiffon. HC '80 under sdlg. 73-16B2. \$25.00

CUSTOM MADE (O. Brown '81). TB, 36", M. Hot flamingo pink self with shrimp red beards. Stands closed, flaring falls. Daintily laced edges on all petals. Candelabra branching with 8 to 9 buds. Sdlg. 77-2A25: (Schiaparelli sib × Instant Charm).... \$25.00

GENIALITY (O. Brown '81). TB, 28-30", M. Nearly domed stands are neyron rose. Wide, arched falls are aster mauve with coral pink beards. Styles are venetian pink. All petal edges elaborately laced. A truly beautiful bicolor. Branching is good, 7 to 9 buds. Sdlg. 77-3A5: (Pink Sleigh × Instant Charm).... \$25.00

NATURE'S OWN (O. Brown '81). TB, 28-30", L. This colorful tangerine orange is one of the last to flower in my garden. Closed stands have a pink blush. Wide, horizontal falls touch at the hafts and sport half inch plush beards of brilliant nasturtium orange. A touch of chartreuse below the beards further intensifies the glowing beards. Sdlg. 76-3C5: (Festive Aire × Neon Magic). \$25.00

PERSONAL TOUCH (O. Brown '81). TB, 35", EM. Firmly closed stands are orient pink with crimped edges of apricot. Semi-flaring falls are apricot with pink blush and chartreuse area below tangerine beards. Showstalk branching with 7 buds. Prolific and appealing. HC '80 under Sdlg. 77-4N3: (Apricot Fringe × Hayride). \$25.00

BRENTON POINT STATE PARK

is a 55-acre, ocean-front park that was the residence of Theodore M. Davis, archeologist and naturalist, 100 years ago. At the invitation of a member of the Park Commission, Iris Test Gardens donated 144 TB irises, which will have their first bloom this year.

Additional donations are needed. Especially useful would be MDB irises for a rock garden designed by Frederick Law Olmstead and recently restored by the Newport Horticultural Society.

Any (tax deductible) donations should be addressed to: Brenton Properties Foundation, P.O. Box 736, Newport RI 02840. If sent via UPS, they may be addressed to Arnold Art Store, 210 Thames St., Newport, RI 02840.

This ad is paid for by a member of AIS interested in stimulating local interest in irises.

D & J Gardens

1373 Coventry Road, Concord, CA 94518, Phone (415) 685-6489

For 1981 . . .

AFTER HOURS (D. Meek). Sdlg. B72-2-4. TB, 34", M. \$25.00

Deep rich blue ruffled self, including beard. (Mount Repose × Fanfare Orchid) × Blue Luster).

CANDACE (J. Meek). Sdlg. G-1-4. TB, 32", M. \$25.00

Standards are rosy orchid-pink; falls orchid-lavender. Deep coral beards. Very ruffled and laced. First runner-up for sdlg. cup at 1979 Region 14 Spring meeting. (Sweetheart Waltz × Pink Sleigh).

CINDER BRITCHES (D. Meek). Sdlg. G15-2-3. BB, 24", M-L. \$20.00

Lightly ruffled clean coppery red. Falls slightly darker. Post Time × ((Gay Tracery × Witches' Brew) × War Lord).

FAST LADY (D. Meek). Sdlg. B113-3-4. TB, 36", M. \$25.00

Ruffled lavender-orchid self; red beard. (Caro Nome × Sweetheart Waltz).

PANCHO (D. Meek). Sdlg. B41-7-4. TB, 36", M. \$25.00

Ruffled butterscotch standards, falls same with a white area around the mustard beard and brown plicata markings. Sib to Desert Echo: (Pencil Sketch × Dixie Desert).

1980

BARRISTER (D. Meek). Deep purple and white plicata \$20.00

CARVED CRYSTAL (D. Meek). Ruffled clear ice blue. Stunning! \$20.00

DESERT ECHO (D. Meek). Deep butter yellow and chrome green ruffled plicata. \$20.00

1979

ANGEL SYMPHONY (D. Meek). Heavily textured and well-branched white. \$15.00

ADVANCE NOTICE (D. Meek). Wide and laced florescent purple. \$15.00

DREAM BUILDER (D. Meek). Yellow with slight greenish cast. \$15.00

LIME JADE (D. Meek). Yellow with slight greenish cast. \$15.00

P. T. BARNUM (J. Meek). Ruffled variegata with tan stds. and wine F. \$15.00

DEANNA DARCY (J. Meek). BB. Mauve with deeper border on falls. \$15.00

Order from ad. No catalogue. Prices of previous introductions furnished on request. Please include \$2.00 shipping and handling charges with orders. Will ship UPS wherever possible. Calif. residents add appropriate sales tax. Shipping mid-July unless requested otherwise. We are generous with extras. First twenty orders (1981 introductions) get Foster name plate with name of iris ordered.

WETHERSFIELD IRIS GARDEN 1981 Introductions

HALLIE (Gadd '81). Sdlg. 9-72. TB, 32" (81 cm), M. Sulphur yellow (HCC 1) self; ruffled F.; yellow beards. Yelloba × Miss Illini. \$25.00

Arilbred

SURISA (Gadd '80). Sdlg. 3-66A. AB (1/2), 30" (76 cm), E. S. chrome yellow (HCC 605/3); F. citron green (763/3), small brown signal; brown beard. Golden Joppa × 76-24: (Kalifa Gulnare × Krim Aga). Very good grower and excellent parent. \$25.00

KROJOY (Gadd 1980). Sdlg. 24-74. AB-MED (1/3), 18" (46 cm), E. Cornflower blue (HCC 742/1) with empire rose infusion; yellow beard. Lady × Amethyst Accent. \$20.00

TOWIE (Gadd '80). Sdlg. 23-73. AB-MED (1/3), 15" (38 cm), E. S. primrose yellow (HCC 64/3); F. barium yellow (503/3); yellow beard. Lady × Shalom. \$20.00

Fred and Mary Gadd

172 Main Street

Wethersfield, CT 06109



IRIS COUNTRY

**313 LINCOLN ST.- WAYNE, NE. 68787
(402) 375-3795**

featuring
a critical selection of the newest tall
bearded irises at discount prices and
the introductions of Roger R. Nelson!

No 1981 introductions. Watch for
SIMPLE DREAMS—an '82 release.

1980

HOMBRE: Bold blend of copper-rose and bronze-brown, beautifully flaring, ruffled form with violet-purple blaze on falls. 8 to 9 buds.

LATITUDE: Heavily ruffled, scalloped and fluted soft lavender-blue with deep antique gold thumbprints. 3 branches with 7 to 8 buds, great revolute form.

1979

AZURE LIGHTS: Ruffled, flaring, silvery blue-white. Tremendous vigor and branching.

1978

GLORY BOUND: Huge, beautifully formed blend of rose-orchid-violet with prominent amber hafts and wide red beards. Grand carriage—heavy bloomer.

METROPOLITAN: Lilac-blue and deep rosy lilac bitone with large red-orange beards. Well formed and flaring with healthy plants.

Send for free catalog.

Hardy, healthy Nebraska grown plants!

M. A. D. IRIS GARDEN

of Mary and Bob Dunn

4828 Jella Way

North Highlands, CA 95660

BLUE MAXX (Bob Dunn '81). Big, bold ruffled blue self; pale yellow beards. Heavy substance, typical show stalks, 3 open flowers. (Babbling Brook × (Winter Olympics × (Lady Angie × Valimar sib))) × Shipshape.\$25.00

ADORA (Mary Dunn '81). Pale blue buds open white with slight burgundy plicata markings on haft area. Yellow styles and beards. Nicely ruffled form with many flowers. (Foggy Dew × (Artist's Dream × (Tea Apron × Winter Olympics))) × Capilight.\$25.00

BOURBON (Mary Dunn '81). Honey amber self, violet blaze on falls. Colorfast here. Heavy substance, large blocky flowers, ruffled form, wide branching. (Chamber Music × Tucson).\$25.00

CHARRO (Mary Dunn '81). Showy, bubbly variegata. Bright gold standards. Violet falls have a brown halo. Ruffled, great substance and form. Many stalks make it a garden showoff. (Gypsy Melody × Gala Madrid). HC '78.\$25.00

No list—please order from this ad. Include \$2 handling and postage. Calif. residents add sales tax. July 1 to August shipment.

Also available—**CAPILIGHT**, **DREAM WORLD**, **FORBIDDEN**, **MIDWAY**, **PAGAN**, **STYLELITE** and **TARDE**.

AVONBANK IRIS GARDENS 1981 Introductions

TRUMPET CONCERTO (Zurbrigg). ML, 40". A truly Baroque creation with a trumpet-shaped flounce standing out above each fall like a solo voice in a concerto. Huge, wide, well-substanced flowers. Blue-violet.\$35.00

PERFUMED GLORY (Zurbrigg). ML, 36". Glorious, ruffled, wide flowers with remarkable, sweet perfume. Golden yellow with center of fall gleaming white.\$25.00

PEACE BRIDGE (Frank Sterbak). M. 36". Lovely reverse amoena in orchid. Highly acclaimed by Region 4 judges. A stunning clump and another fine winner out of FOND WISH.\$25.00

GARDEN GRACE (Zurbrigg). EM & Aug.-Sept. in VA, 38". Beautiful, refined red-violet on white plicata with super-superb stalks and lots of buds. Add to that, it will rebloom in August! Order early!\$25.00

Send 15¢ for detailed catalogue featuring reblooming and reblooming-bred irises, hardy and dependable in the East.

Dr. Lloyd Zurbrigg, Box 5691, Radford University,
Radford, VA 24142

1981 Introductions

LOVE BOAT—Sdlg. 95-76-1. TB, 38", ML. A ruffled and laced light pink with deeper pink beards. Flowers are large, having closed standards and semi-flaring falls. Tall, well-branched stalks with 10-14 buds. Good increaser. Pod and pollen fertile. Portrait of Amy x Kindness. . . \$25.00

SUN BLOSSOM—Sdlg. 12-75-2. TB, 34", ML. Pale yellow with bright yellow beards. These beautifully formed flowers are of good substance, ruffled and edged in lace. Nicely closed standards with wide, semi-flaring falls. Flower size in good proportion with height of bloomstalk. Excellent branching with 10 buds. Pod and pollen fertile. Fragrant. \$25.00

MRS. RICHARD P. KEGERISE

4306 Seventh Ave.

Temple, PA 19560

WALTER A. MOORES

4233 Village Creek Road

Fort Worth, TX 76119

1981 Introductions
Reblooming Talls

DESIDERATA—35", M & RE (Oct. TX). A well-formed flower that opens blue-white and fades to cool white, but remains pale blue in the heart. Powder blue beards blend to white in throat. Fall stems may exhibit poor branching because of weather conditions. My best remontant flower. Winter Dreams x (Sky Queen x Tyrolean Blue). \$20.00

YELLOW REPRISE—30", EM & RE (Nov. TX). Lightly laced full yellow self with self beards. Superior branching with three open flowers at once. Consistently better on established clumps. Double Date x Moon River. \$15.00

Border Plicata

TOP STITCH—22", ML. White standards with wide violet-purple edge and stitching. Falls are white with solid violet-purple hafts and narrow edge of plicata markings. White beards are tipped purple and bronze. At a distance this appears to be a *reverse plicata*. Excellent branching with many buds. (Violet Virgo x Rococo) x (Stepping Out x Grand Baroque). \$15.00

Previous Introductions

HAUNTING MUSIC ('80). That blue-violet tall bearded which was second runner-up to the Cook Cup at Tulsa is only \$15.00

ODE TO KALIFA ('80). Early arilmedian. \$ 4.50

DANTE'S INFERNO ('79). Flashy variegata. \$ 7.50

Buy a 1981 introduction and get HAUNTING MUSIC or DANTE'S INFERNO and ODE TO KALIFA if you so specify!

*Send stamp for price list featuring many rebloomers.
Add \$2.00 for postage.*

NEVA SEXTON'S IRIS GARDEN

1709 Third St.

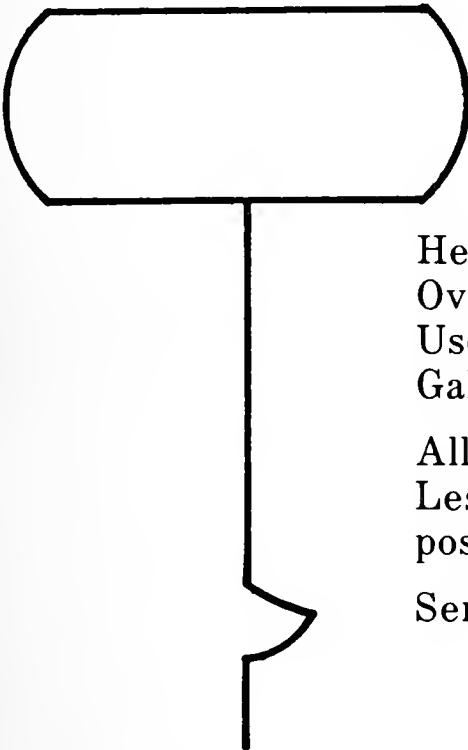
Wasco, CA 93280

NEW TOMORROW (Sexton '81), 36", M. Tea Apron × Small Talk. A beautiful ruffled white iris with deep orchid stylearms. Closed standards and flaring falls. Well-branched stalks, 9 or more blooms per stalk.	\$25.00
PRINCE OF PEACE —Ruffled and fluted snow white TB.	\$15.00
JOY OF SPRINGTIME —Cream-white with heavy lace of green-gold on both standards and falls.	\$15.00
GOOD MORNING AMERICA —Blue-white self with darker blue beard. \$ 7.50	
HOMECOMING QUEEN —Rich copper-rose self with carrot orange beard.	\$ 7.50
TACO BELLE —Bright yellow standards and red-brown falls.	\$ 7.50
WORLD NEWS —Falls a rich blend of red-brown. Standards a lighter shade flushed orange.	\$ 5.00

Please add \$2.00 for postage.
Extra gift iris with each order.

Complete list on Request.

GARDEN MARKERS — 45¢ each Attractive—Durable



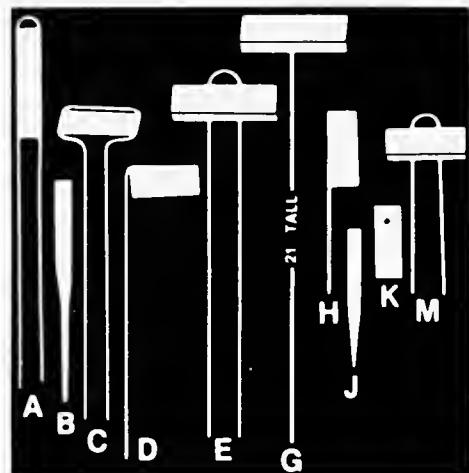
Heavy gauge galvanized steel.
Overall height approximately 15 inches.
Useful for marking all flowers and shrubs.
Galvanized finish (unpainted).

All orders over \$20.00—postage prepaid.
Less than \$20.00, add \$1.00 to help cover postage.

Send check or money order to:

J. R. COLLINS
1537 Eastridge Drive
Memphis, TN 38119

Please allow four weeks for delivery.



The Permanent Metal Label

A—Hairpin Style Markers	30 for \$5.25
B—Plant or Shrub Markers	100 for \$3.50
C—Cap Style Markers	30 for \$5.25
D—Swinging Style Markers.....	30 for \$4.50
E—Rose Markers	30 for \$5.20
F—Tall Display Markers	30 for \$6.90
G—Tall Single Staff Markers	30 for \$6.45
H—Pot or Rock Garden Markers	30 for \$3.90
J—Small Plant Labels	100 for \$3.30
K—Tie-On Labels	100 for \$4.25
M—Miniature Markers	30 for \$4.80

PAW PAW EVERLAST LABEL CO.

Box 93-H Paw Paw, Michigan 49079

Quantity Prices Available

Postage Prepaid

From the Garden of MARY E. and TRACY DRAKE

MOONWIND (Drake '81). Sdlg. 76-12-4. TB, 33", M. Ruffled and laced light violet self. 74-2: (Happiness Is × Pink Sleigh) × 74-30: (Pink Sleigh × (69-34 × Point Clear)). EC 1980, Hope Chest Award 1980.....\$25.00

CRESCENT GARDEN

1325 S. Crescent Ave.

Park Ridge, IL 60068

HILLCREST IRIS GARDENS

1723 Hillcrest Drive, Box 702, Woodward, OK 73801

CAPTURED SPIRIT (Nichols '81) SDB, #7825F, 12", E-L. Slightly open ruffled standards are ice blue suffused creamy yellow; wide, ruffled falls are warm white with lavender-orange beards. Sib to Recollections. Fertile both ways. My finest creation. EC 1980.....\$20.00

MANHATTAN BLUES (Nichols '81) SDB, #7628A, 14", M-L. Very tailored medium to light blue self. Closed standards, wide falls. Fertile both ways. A fine garden and exhibition iris. (Tan Lace × Laced Lemonade). \$ 5.00

URBAN COWBOY (Nichols '81) SDB, #7853A, 14", M-L. Closed lemon standards with broad, slightly ruffled brown falls bordered lemon. Orange and white beards. Fertile both ways. ((Joy Bringer × Oliver) × Be Dazzled). \$10.00

VEILED SUNSHINE (Nichols '81) SDB, #8008A, 14", M-L. Slightly open creamy yellow standards; broad and ruffled warm white falls with a lemon wash around the orange and white beards. Fertile both ways. (Joy Bringer × Amazon Princess) × Fine Taste). A magnificent iris. \$15.00

WHISKEY RIVER (Nichols '81) SDB, #7823A, 14", M-L. Antique honey self with brown hafts and inconspicuous haft markings. Beautiful lavender beards. Fertile both ways. (Gingerbread Man × Biddy Bye). \$ 5.00

***Special Offer—All of the above 1981 introductions for \$40.00*

SPANISH TREASURE (Morgan, 1980). Sdlg. 74-5. TB, 36", ML. S. empire yellow; F. beetroot purple. Lilac Champagne × High Life. \$20.00

RICHARD MORGAN

1221 W. Baseline Road

Little Rock, AR 72209

For 1981 Alf's Gardens Presents

HOLLY EMILY—TB, 40". S. deep yellow; F. white, flushed yellow at haft, fine yellow rim on edge, slightly fluted to show greenish yellow on underside. Irish Lullaby × (Cashmere × Molly Emms). \$20.00

X (Cashmere *X* Many Elms).
Write for price list describing many TB irises.

Write for price list describing many TB uses.
ALFRED MARKWARDT, 136½ W. Third St. St. Charles, Minn. 55972

W. H. CLOUGH

Box 196

Pittsfield, PA 16340

WINTER SCENE (Clough '81). TB, 30", M. A very vigorous grower from a long line of breeding red-bearded whites. I decided to introduce this beauty when I learned from a Midwestern hybridizer that it performed better than any of the noted red-bearded whites for him. It has been an excellent performer here, too. The stalks are sturdy and well-branched, with about 8 buds. The flowers are large but not huge. The standards are domed, closed and ruffled. The semi-flaring falls are broad, ruffled and lightly laced. The bead is a striking red-tangerine. Sdlg. SS78WB: (WRB722 × Silver Shower). Photo on request. \$25.00

Previous Introductions: TULIP FESTIVAL, ROYAL VOYAGER, HIS HIGHNESS, SPILLWAY and RICH DREAMS.

I grow over 300 varieties, many of the latest introductions. Good prices and rhizomes. Price list on request. No pictures.

"Schultz-Instant" LIQUID PLANT FOOD

EASY TO USE

“Just add 7 drops per qt. in the water
Everytime you water,
Everything you grow.”

Ultra Pure, Concentrated, 10-15-10,
Liquid, All Purpose, "Starts & Feeds Formula." Convenient for
all indoor and outdoor uses. 3 sizes.

Available at your store or send \$1.50 for 5½ oz., \$2.75 for 12 oz., \$4.00 for 28 oz. (includes mailing).

SCHULTZ CO.—St. Louis, MO 63043

MISSION BELL GARDENS

2778 West 5600 South
Roy, Utah 84067

New for 1981

CAPRICIOUS —Salmon stands, white falls with plicata edging of raspberry-violet; tangerine beards.	.....\$25.00
CORAL SATIN —Heavily substanced, smooth coral.	.....\$25.00
ORANGE STAR —Bright orange self; burnt orange beards.	.....\$25.00
RON —Large lustrous violet-blue self.	.....\$25.00
BLOND ANGEL —(BB)—Cream self. Superb form, substance.	.....\$15.00

See January *Bulletin* for complete descriptions.

Send for catalog

Melba and Jim Hamblen

1981 INTRODUCTIONS

OLENTANGEY (D. O. Rawdon). TB, 30", M-L. Medium to deep brown with yellow-orange beard and a gold rim around the falls, the flower has a glimmering appearance. Color is clean, and the bloom has closed standards and semi-flaring falls, wide parts. It is nicely ruffled and of heavy substance, well branched with high bud count. Vigorous plant. Brown Duet × Minee.\$25.00
Olen selected and registered this iris before his death. He was very proud of it, and those who knew him know he had very high standards that he applied in judging seedlings. It is a superb iris, a fitting memorial for the man.

MRS. LOUISE RAWDON

1344 Leeser Ave.

Akron, Ohio 44314

"Schultz-Instant" **Fertilizer**

EASY TO USE

"Just add $\frac{1}{4}$ tsp. per gal. in the water.
Everytime you water, Everything you grow."

Ultra Pure, Concentrated, 20-30-20, Soluble, All Purpose, "Starts & Feeds Formula." Sizes for Gardens, Vegetables, Flowers, Roses, Shrubs, Trees, Lawns, Greenhouses, Nurseries. 3 Sizes.

Available at your store or send \$2.50 for 1 lb., Small Garden Size, \$9.95 for 5 lb. Lawn & Garden Size, \$33.00 for 25 lb. Estate Size (includes mailing). By the makers of "Plant Shine."



SCHULTZ CO.—St. Louis, MO 63043

SEND FOR OUR FUND RAISING OFFER

Commercial Directory

ALPENFLORA GARDENS

17985 - 40th AVE.

Surrey (Cloverdale) B.C. V3S 4N8

West Coast Natives and Hybrids. Many different species from the world over. Miniatures and Standard Dwarfs. All well established in 4" pots. Ready to ship and to plant any time. 20% off on U.S. currency. Quality plants - Quantity Discounts. Also, many hardy plants and perennials plus choice alpines, rockery plants, primroses.

List on request

BALDWIN'S IRIS

Offering fine irises of recent introduction at attractive prices. Over 500 varieties.

TBs * BBs * SDBs
Descriptive catalog on request.
1306 Monroe Walla Walla, WA 99362

BAY VIEW GARDENS

Of Joseph J. Ghio
1201 Bay St., Santa Cruz, Calif. 95060

Send 50¢ for catalog listing. The finest in Median, Tall, Louisiana, Pacific, Siberian and Spuria irises.

BROWN'S SUNNYHILL GARDENS

Opal L. Brown

"YOUR ASSURANCE OF QUALITY"

FEATURING THE FINEST OF
MODERN TALL BEARDED IRIS

Catalog on request
— No Color —

Route 3, Box 102
Milton-Freewater
Oregon 97862

BURGES IRIS GARDEN

1900 Fordham Drive

Denton, TX 76201

817-383-1946

Quality rhizomes of the newer tall bearded irises at reasonable prices.
List on request.



Iris
Daylilies
Peonies
Perennials

BUSSE

GARDEN CENTER

& NURSERY

635 E. 7th St.

COKATO, MINNESOTA 55321

"The Minnesota Perennial People"

Send \$1.00 for catalog

Credited on first order!

Lifetime Plastic Markers
Treated Wood Stakes
Agricultural Streptomycin
Terrachlor (and other chemicals)
Send stamp for price list

BUSSE GARDEN CENTER
635 E. 7 St., Cokato, MN 55321

CAL DIXIE IRIS GARDENS

Offers Quality Iris at affordable prices. Over 1000 varieties of TBs, BBs, SDBs and remontants. Descriptive price list on request.

Herb and Sara Holk
14115 Pear St.
Riverside, CA 92504

C&A IRIS GARDENS

Growers of Quality Iris
REASONABLE PRICES
PRICE LIST ON REQUEST—
Wholesale and Retail
1320 Mary Street
Hanford, CA 93230

CHARJOY GARDENS

Charles and Joyce
Arny, Jr.
117 Acacia Drive
Lafayette, La. 70508

Top Quality
Louisiana Irises

Catalog 15¢

CONTEMPORARY GARDENS

Perry Dyer
Box 534 Blanchard, OK 73010
The newest in TBs, medians and Louisianas,
featuring introductions of Perry Dyer,
Bob Raabe and Dr. W. E. Jones.
Catalogue on request

COOK'S GARDENS

6924 Pacific Hwy. E., Tacoma, WA 98424
1-206-922-7988
Featuring Siberians, Specie and
Pacific Coast Natives.
Introducing Cal-Sib Carrie Dawn
Catalog on Request

COOLEY'S GARDENS

301 S. James St.
P.O. Box 126
SILVERTON, OREGON 97381

Incomparable Iris catalog in color

FEATURING THE FINEST OF
TALL BEARDED IRISES
QUALITY RHIZOMES

Free with your first order of the season
and to our recent customers

or
Send \$2.00 for the catalog, then deduct
it from your first catalog order.

CORDON BLEU FARMS

TETRAPLOID DAYLILIES

Best of new and old IRIS

Tall Bearded

Spurias

Louisianas

418 Buena Creek Road
San Marcos, California 92069

Free catalog on request

The Cherry Lane Gardens of

GLENN F. CORLEW

2988 Cherry Lane
Walnut Creek, California 94596

featuring the introductions of

Glenn F. Corlew

and

Vernon Wood

Send 25¢ for catalog

COTTAGE GARDENS

22549 Center St., Hayward, CA 94541
Featuring the introductions of Bob Brown;
Virginia Messick, John Nelson, Don Denney,
Jim McWhirter
CATALOG ON REQUEST
A comprehensive collection of Tall
Bearded Iris

COTTONWOOD GARDEN

Route 2 Moville, IA 51039
Edna Moss

Our clean, highly organic farm soil
produces heavy, healthy rhizomes. Send
stamp for list of TBs and IBs. Reasonable
prices—finest quality!

D. and J. Gardens

1373 Coventry Road
Concord, CA 94518

Introductions of Joyce and Duane Meek
See our ad in the Spring Bulletin

No catalog. Write for prices of previous intros.

M. A. D. GARDEN

Bob and Mary Dunn introductions only
4828 Jella Way
North Highlands, CA 95660
See our ad in April Bulletin

HARDY NORTHERN BEARDED IRIS

1981 Color Catalog \$1.00

Featuring Introductions of:

Gordon W. Plough

Merle Daling

Ruby Short

Tall, Border,

Intermediate, Standard Dwarf

EDEN ROAD IRIS GARDEN

P.O. Box 117

Wenatchee, WA 98801

IRIS LABELS

Mfg. by

TOM FOSTER

977 Meredith Court

Sonoma, CA 95476

A garden labeling method that is unobtrusive in the garden, durable, very legible and easy to use.

Send stamp for descriptive,
literature and price list.

FOR PLEASURE IRIS GARDENS

Formerly Mount Clare Gardens
of Chicago

of

HENRY DANIELSON & LUELLA STOPANI

P.O. Box 5416
El Paso, Texas 79954

ARILBRED IRIS

Since 1941

1981 introductions listed and
described in the April Bulletin
Catalog on Request

4-SQUARE IRIS GARDENS

3237 Eisenhower St.
Eau Claire, WI 54701

1981 catalog available now
Featuring TB, IB, SDB, MDB and
Space Age Irises

Catalog 25¢
(Refundable on first order)

GIBSON IRIS GARDENS

146 South Villa
Porterville, CA 93257

Write for our 1981 catalog featuring current
introductions and our newest releases
listed in the April Bulletin.

A. H. HAZZARD

510 Grand Pre Ave. Kalamazoo, Mich. 49007

Grower of

JAPANESE IRISES

Over 300 varieties. List on request.

HILDENBRANDT'S IRIS GARDENS

Star Route, Box 4, Lexington, NE 68850

Featuring introductions of Mrs. B. Wolff.

Catalogue on request, listing 1100 varieties
of SDB, IB, BB, AB and TB Irises. Also
Oriental Poppies and Peonies



ILLINI IRIS

D. STEVE VARNER

N. State St. Rd.

Monticello, IL 61856

Hybridizer and Grower

Tall Bearded,
Border Bearded and
Siberian Irises,
Tetraploid Hemerocallis

Price List on Request

HILLVIEW GARDENS

Lilly Gartman

18461 Hillview Dr., Los Gatos, CA 95030

Choice selection of the latest
TBs and Medians
Free Catalog

THE J — LOT GARDENS of Lottie Ogles

Tall Bearded irises of quality and vigor

REBLOOMING SPECIALISTS

More than one hundred varieties —
new and old

SPRING BLOOMING VARIETIES

Extensive listing of newer
introductions

Prices low — Quality high —
Satisfaction guaranteed

Send 30¢ stamp for list after March 1

Rt. #2, Box 444, Joshua, Texas 76058

KEITH KEPPEL

P.O. Box 8173

STOCKTON, CALIFORNIA 95208

Catalogue Featuring ...

1981 Introductions of
Joe Gatty

Keith Keppel
and the newest varieties of
tall bearded
medians

Available on Request to AIS Members

LA CRESTA GARDENS

of

Maryann M. Anning
12864 Viscaino Road
Los Altos Hills, CA
94022

*Catalog
on Request*



LAURIE'S GARDEN

(Lorena M. Reid)

41886 McKenzie Hwy
Springfield, Oregon 97477

Specializing in: CALIFORNICAE, JAP-
ANESE and SIBERIAN Irises. Also
grow many Cal-Sibes, Evansia,
Laevigatae and other Beardless
Species and Hybrids.

Descriptive price list
for stamp in May.

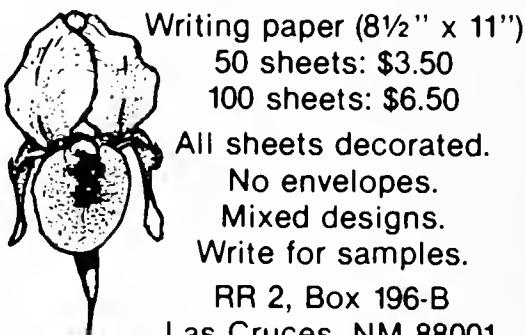
IRIS STATIONERY by TOM LITTLE

Note paper (5½" x 8½")

50 sheets: \$2.50

100 sheets: \$4.00

color or personalization 50¢ extra



Writing paper (8½" x 11")

50 sheets: \$3.50

100 sheets: \$6.50

All sheets decorated.

No envelopes.

Mixed designs.

Write for samples.

RR 2, Box 196-B
Las Cruces, NM 88001

LOUISIANA NURSERY

Ken and Belle Durio

CHOICE LOUISIANA IRISES TETRAPLOID AND DIPLOID

OUR 31st YEAR
DESCRIPTIVE CATALOG
ON REQUEST

THIS LIST INCLUDES
MANY EXCITING
NEW DAYLILLIES

RT. 7, BOX 43
OPELOUSAS, LOUISIANA 70570

MARYOTT'S IRIS GARDENS

Nearly two acres of irises
specializing in
*Latest Tall Bearded
*Dwarfs and Medians
*Remontants, Exotica & Antiques

Featuring large quantities of the most recent varieties and offering them at exceptionally reasonable prices. The gardens are open to the public during bloom season, and AIS members are cordially invited.

Free Catalog

BILL & MELINDA MARYOTT
1678 Andover Lane
San Jose, CA 95124
(408) 265-2498

GARDEN of the ENCHANTED RAINBOW

REASONABLE Prices
Best of the OLD.
Many NEW ones.
REBLOOMERS.
Some MEDIANs.

Jordan A. & Bernice M. Miller
Rt. 4, Box 439B, Killen, Alabama 35645
Send stamp for price list.

MILLER'S MANOR GARDENS

Roger and Lynda Miller
Route 2, Box 323A
Ossian, IN 46777

Specializing in Miniature Dwarf,
Median and Tall Bearded Irises.

List on Request

MID-AMERICA GARDENS of Paul Black

TBs * Medians * Arilbreds
Quality rhizomes of the latest introductions to
the tried and true older varieties.
Catalog on request.

Box 425

Wheatland, OK 73097

MELROSE GARDENS

309-AD Best Road South
Stockton, CA 95205

Presenting the 1981 introductions of:
D.C. Anderson, K. K. Kidd, Mrs. Walter
Savage, Sam Rix, Frank Chowning, and
a wide range of iris types
from Ben R. Hager.

Our smaller catalog will bring you a
restricted listing of only the most elite
irises, but still all of the fascinating
types of irises and newer daylilies.

THE CONOISSEUR'S CATALOG
\$1.00 mailed first class
not deductible

MISSION BELL GARDENS

(MELBA AND JIM HAMBLEN)

Featuring Fine Irises of

Recent Introduction

TALL BEARDED

CATALOG ON REQUEST - NO COLOR

2778 W. 5600 So. Roy, Utah 84067

MOUNT OLIVE IRIS GARDEN

10349 Empire Grade
Santa Cruz, CA 95060

Grower of tall bearded iris, featuring the
best in the west. Mountain grown on the
edge of the Pacific. Visitors welcome.

Susan Coleman, Owner List on request.

MOHR GARDENS

1649 Linstead Drive
Lexington, KY 40504

Featuring the tall bearded introductions of Dr. H. C. Mohr, David Mohr and Ken Mohr. Also, a large selection of contemporary TBs from your favorite American hybridizers.

Send stamp for catalog

MRS. MILTON OGBURN

Route 1, Box 31
Smithfield, NC 27577

TB irises, low prices.
Send stamp for free list.

PACIFIC COAST HYBRIDIZERS

Featuring
the introductions of

Bryce Williamson

Post Office Box 972
Campbell, CA 95028

Free catalogue

RAINBOW GARDEN

Box 157
Weir Kansas, 66781

TBs * SDBs * IBs

JOHN R. MADDOX
(formerly of Okla. City)

List on Request

HARDY NORTHERN PEONIES

Beautiful Herbaceous and Tree Peony Hybrids. Excellent quality. Exciting colors.

Catalog \$1.00

DAVID REATH
Vulcan, Michigan 49892

RIVERDALE IRIS GARDENS

Glenn and Zula Hanson
7124 Riverdale Road, Minneapolis, Minn.
55430

Featuring an extensive list of dwarfs and medians.

Free price list. No color.

SCHLIEFERT IRIS GARDENS

Murdock, Nebraska 68407
Since 1935

Collection of all Dykes available
No catalog available this year

SCHREINER'S GARDENS

3629 QUINABY RD., NE.
SALEM, OREGON 97303

Fine Irises for discerning collectors

GROWERS - HYBRIDIZERS - ORIGINATORS

America's Finest Iris Catalog, accurate color illustrations, a treasure trove of information.

\$2.00 (Deductible from 1st order)

COPY DEADLINES

January issue	Oct. 15
April issue	Jan. 15
July issue.....	Apr. 15
October issue.....	July 15

DAVID B. SINDT-IRISES

**1331 West Cornelia, Dept. A
Chicago, Illinois 60657**

Featuring pure pumilas, other small
bearded species, 1981 MDBs, SDBs,
AB-meds by David Sindt, Oscar Keith,
Earl Roberts, J. D. Taylor and
Lothar Denkewitz.

**Free catalog available in April.
No orders accepted after July 15.**

WINDSOR IRIS GARDENS



**Vagabond Gardens
11115 Bodega Highway
Sebastopol, CA 95472**

Featuring Tall Bearded, Medians, Reblooming, Beardless and Bearded, Louisianas, Japanese, Siberians and Pacificas.

FRANK J. FOSTER

A Garden in the Redwoods!

Catalog Available on Request.

GILBERT H. WILD & SON

Dept. AIS-481
Sarcoxie, MO 64882

Send \$2 for 96-page illustrated catalog in color featuring IRISES, PEONIES, DAYLILIES.



IRIS SHOW SET FOR CONVENTION

The Washington Iris Club will sponsor an Iris show May 13 at the St. Louis national convention. The site will be the St. Louis Marriott Hotel, and the show will be open to the public from 3 to 6 p.m.

Competitive entries may be made by any individual, following specified rules, and received from 7:30 to 11 a.m. show day. The cultivar show will be divided into bearded, beardless and seedling classes; the artistic section features the theme "Meet Me in St. Louis, Louie" in nine arrangement classes.

Readers interested in participating are asked to send stamped, self-addressed envelopes with their letters of query, to appropriate show officials. Questions about the show or requests for schedules may be addressed to the General Show Chairman, Edna Dutton, Box # 13, Labadie, MO 63055. For information about arrangement classes, contact Mrs. Alfred Kampschroeder, 614 West Sixth St., Washington, MO 63090.

REGIONS AND REGIONAL VICE PRESIDENTS

- 1-Maine, Connecticut, Massachusetts, New Hampshire, Rhode Island and Vermont. *Clayton H. Sacks*, West Neck Rd., Box 70, Nobleboro, ME 04555
- 2-New York. *Greg M. Schifferli*, 1211 McKinley Pkwy., Lackawanna, NY 14218
- 3-Pennsylvania and Delaware. *Paul R. Smith*, 299 N. Pleasantview Rd., Sanatoga, PA 19464
- 4-Maryland, District of Columbia, North Carolina, Virginia and West Virginia. *Claire B. Barr*, 1910 Greenspring Valley Rd., Stevenson, MD 21153
- 5-South Carolina, Florida and Georgia. *Rev. Everett L. Lineberger*, Route 6, Box 300, Inman, SC 29349
- 6-Michigan, Indiana and Ohio. *James A. Copeland*, Wolf Lake Fish Hatchery, Route 1, M-43, Mattawan, MI 49071
- 7-Kentucky and Tennessee. *Dr. Hubert C. Mohr*, 1649 Linstead Dr., Lexington, KY 40504
- 8-Wisconsin and Minnesota. *Walter A. Machulak*, S. 82 W. 12877 Acker Dr., Hales Corners, WI 53130
- 9-Illinois. *Mrs. Rita Kinsella*, 318 Marabeth, Fairview Heights, IL 62208
- 10-Louisiana. *Richard Goula*, 113 Acacia Dr., Lafayette, LA 70508
- 11-Montana, Idaho, and Wyoming. *David M. Durnford*, 1504 S. Seventh West, Missoula, MT 59801
- 12-Utah. *Keith Wagstaff*, 2424 E. Sundown Ave., Salt Lake City, UT 84121
- 13-Washington, Oregon, Alaska, Acting RVP. *J. T. Aitken*, 608 N.W. 119 St., Vancouver, WA 98665
- 14-Northern California, Hawaii and Nevada. *Dr. John H. Weiler*, 1146 W. Rialto, Fresno, CA 93705
- 15-Southern California and Arizona. *Janice Chesnik*, 418 Buena Creek Rd., San Marcos, CA 92069
- 16-Canada. *John McMillen*, Route 1, Norwich, Ontario NOJ 1PO, Canada
- 17-Texas. *Mrs. Louise Nichols*, 2703 S. Harrison, Amarillo, TX 79109
- 18-Missouri and Kansas. *Dave Niswonger*, 822 Rodney Vista Blvd. Cape Girardeau, MO 63701
- 19-New Jersey and Staten Island. *Dave Silverberg*, 27 Spring Hill Dr., Howell, NJ 07731
- 20-Colorado. *Dr. John R. Durrance*, 4301 E. Cedar Ave., Denver, CO 80222
- 21-Iowa, Nebraska, North Dakota and South Dakota. *Leonard J. Michel*, 420 Hilltop Rd. Ames, IA 50010
- 22-Oklahoma and Arkansas. *Burdella Rhodes*, Box 78, Osage, OK 74054
- 23-New Mexico. *James A. Mahoney*, 704 Jefferson N.E., Albuquerque, NM 87110
- 24-Alabama and Mississippi. *Grady Kennedy*, 9610 Todd Mill Rd., S.E., Huntsville, AL 35803

Maryott's Iris Gardens



BENGAL TIGER (MARYOTT 81)

Featuring an extensive collection of the best iris available at reasonable prices. Write for free catalog.

1678 Andover Lane
San Jose CA. 95124

Mohr Gardens

Presents



DUTCH GIRL \$25.00

Sdlg. 6-150-1: (Sea of Galilee × Winter Panorama)
(Ken Mohr 1981)

LIPD Order from this ad or write for catalog.

1649 Linstead Drive
APR 27 1981

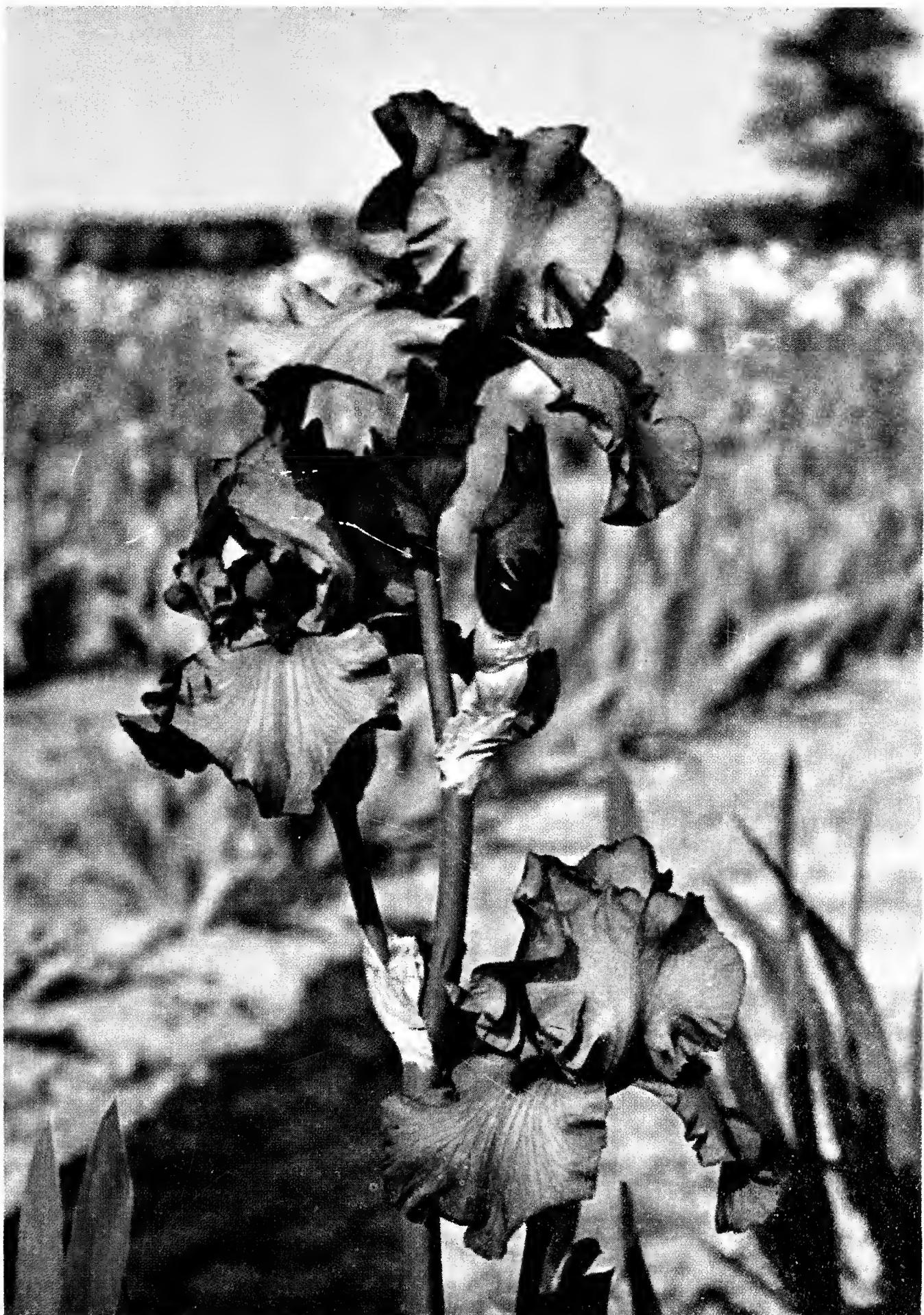
Lexington, Kentucky 40504

NEW YORK
BOTANICAL GARDEN

Bulletin of the

American Iris Society

Number 242 □ July 1981



THE AMERICAN IRIS SOCIETY

A nonprofit institution incorporated Feb. 2, 1927, in the County of Philadelphia, State of Pennsylvania. By the terms of the Charter, the Corporation has no stockholders and exists for the sole purpose of promoting the culture and improvement of the IRIS.

OFFICERS

President: Dr. Harold L. Stahly, 8343 Manchester Dr., Grand Blanc, MI 48439

First Vice President: Ronald Mullin, Route 3, Pawnee, OK 74058

Second Vice President: James Rasmussen, 11 Rambler Rd., Hutchinson, KS 67501

Secretary: Mrs. R. V. Ramsey, 6518 Beachy Ave., Wichita, KS 67206

Treasurer: Stephen Kegerise, 4411 Hilldale Rd., Reading, PA 19606

Editor: Ann B. Dasch, 726 Diane Ave., Stockton, CA 95207

Registrar: Kay Nelson, P.O. Box 37613, Omaha, NE 68137

Membership Secretary: Ronald Mullin, Route 3, Pawnee, OK 74058

Librarian: Dorothy Howard, 226 E. 20th St., Tulsa, OK 74119

DIRECTORS

Past Presidents: Hubert A. Fisher, Marion Walker, Dr. John W. Wister, Leon Wolford.

<i>Terms expiring in 1981:</i>	Glenn F. Corlew Julius Wadekamper	Mrs. Edward Owen Mrs. C. C. Rockwell, Jr.
<i>Terms expiring in 1982:</i>	Dr. John Harvey, Jr. Ronald Mullin	Mrs. R. V. Ramsey Dr. Harold L. Stahly
<i>Terms expiring in 1983:</i>	James G. Burch Allan Ensminger	Dorothy Howard James Rasmussen

CHAIRMEN OF STANDING COMMITTEES

Affiliates: Mrs. Edward Owen, 1411 Crest Dr., Encinitas, CA 92024

Awards: Kenneth M. Waite, 6 Tow Path La., Westfield, MA 01085

Convention Liaison: James Burch, 717 Pratt Ave., N.E., Box 10003, Huntsville, AL 35801

Exhibitions: Glenn F. Corlew, 2988 Cherry La., Walnut Creek, CA 94596

Foundation Liaison: Dr. John Harvey, Jr., 203 W. Pembrey Dr., Wilmington, DE 19802

Historical: Larry Harder, c/o Court House, Ponca, NB 68770

Honorary Awards: Leon Wolford, 7530 Forney Rd., Dallas, TX 75227

Judges Training and Judges: Mrs. C. C. Rockwell, Jr., P.O. Box 70, Fentress, TX 78622, Tel. 512-488-2365

Membership Contest: E. W. Lawler, 2114 Eldorado Way, Carrollton, TX 75006

Public Relations: Olive Rice, 1914 Napa Ave., Berkeley, CA 94707

Registrations: Keith Keppel, P.O. Box 8173, Stockton, CA 95208. Send all registration applications and \$5.00 payable to AIS, to registrar Kay Nelson, P.O. Box 37613, Omaha, NE 68137

Robins: James Stayer, 7414 E. 60th St., Tulsa, OK 74145

RVP Counsellor: Allan Ensminger, Rt. 3, Lincoln, NE 68505

Scientific: Julius Wadekamper, 10078 154th Ave., Elk River, MN 55330

Section Liaison: James Rasmussen, 2112 W 17th, Wichita, KS 67203

Slides: Dr. D. C. Nearpass, 9526 - 50th Pl., College Park, MD 20740

Test Gardens: Bennett Jones, 5635 S. W. Boundary St., Portland, OR 97221

Youth: Maryann Anning, 12864 Viscaino Rd., Los Altos Hills, CA 94022

THE BULLETIN OF THE AMERICAN IRIS SOCIETY

VOL. LXII, No. 3

Series No. 242

July, 1981

USPS 075-620

Editor-in-Chief: Ann Branch Dasch, 726 Diane Ave., Stockton, CA 95207
Tel. (209) 952-3845 or (209) 477-9092

Associate Editors: Philip Edinger, P.O. Box 637, Cloverdale, CA 95425

Advertising Editor: Kay Nelson, P.O. Box 37613, Omaha, NE 68137
Tel. (402) 895-9112

Managing Editor: Phillip Williams, P.O. Box 41, Eagleville, TN 37060

Editorial Committee: Ben R. Hager, Julius Wadekamper, W. George Waters,
Betty Wood

Departments & Editors: Domestic News—Fred Stephenson, 5608 Merriman
Rd., S.W., Roanoke, VA 24018

Foreign News—Bee Warburton, 2 Warburton Lane,
Westboro, MA 01581

Science—Sidney DuBose, 309 Best Rd. South,
Stockton, CA 95205

Photo Coordination—Maryann Anning, 12864 Vis-
caino Rd., Los Altos Hills, CA 94022

THE BULLETIN is published quarterly by the American Iris Society, Publishing Office 8518 Beachy Ave., Wichita, KS 67206. Second-class postage paid at Wichita, KS, and at additional mailing offices. Subscription price is included in annual membership dues of \$9.50. Annual Subscription rate \$9.50 per year.

—Communications regarding **membership and dues** should be addressed to **Ronald Mullin**, Route 3, Pawnee, OK 74058.

—Communications concerning the **business matters** of the Society should be addressed to **Mrs. R. V. Ramsey**, 6518 Beachy Ave., Wichita, KS 67206.

—Communications regarding **advertising** should be addressed to **Kay Nelson**, Advertising Editor. For information about membership, advertising rates and section dues, see sections membership dues.

—All copy due in Editor's office by Oct. 15 (Jan.), Jan 15 (April), April 15 (July), July 15 (October).
This BULLETIN was printed by Williams Printing Company.

SECTION PRESIDENTS and BULLETIN REPRESENTATIVES

MEDIAN IRIS SOCIETY: Lee Eberhardt, 1440 N. Fountain Blvd., Springfield, OH 45504
Larry Harder, Ponca, NB 68770

THE SOCIETY FOR SIBERIAN IRISES: D. Steve Varner, N. State St. Rd., R 1, Monticello, IL 61856; *Dr. Currier McEwen, South Harpswell, ME 04079*

SPURIA IRIS SOCIETY: Virginia Mathews, 326 S. Stallard, Stillwater, OK 74074; *Floyd W. Wickenkamp, 10521 Bellarose Dr., Sun City, AZ 85351*

SOCIETY FOR JAPANESE IRISES: Adolph J. Vogt, 5101 Fagenbush Ln., Louisville, KY 40218; *W. E. Ouweneel, RR 31, Box 206, Terre Haute, IN 47803*

REBLOOMING IRIS SOCIETY: Lloyd Zurbrigg, 708 Noblin St., Radford, VA 24141;
Same

DWARF IRIS SOCIETY: David B. Sindt, 1331 W. Cornelia, Chicago, IL 60657; *Anne Johnson, 1858 S. Downing, Denver, CO 80210*

SOCIETY FOR PACIFIC COAST NATIVE IRISES: Virginia del Judge, 121A Victoria View Dr. Sequim, WA 98382; *Olive J. Rice, 1914 Napa Ave., Berkeley, CA 94707*

SPECIES IRIS GROUP OF NORTH AMERICA (SIGNA) Chairman, Mrs. J. A. Witt, 16516 25th N.E., Seattle, WA 98155

LOUISIANA IRIS SOCIETY OF AMERICA (LISA): Richard J. Sloan, 2607 Louise Ave., Arcadia, CA 91006; *Robert C. Brooks, 418 Buena Creek Rd., San Marcos, CA 92069*

COOPERATING SOCIETY: Aril Society International: William Scott, 1946 Vedanta Place, Hollywood, CA 90068.

ANNUAL PRESIDENTIAL LETTER

The American Iris Society

July 1, 1981

Each year the terms of office expire for one-third of the twelve directors of the American Iris Society, and four are elected to fill those positions. As provided in the AIS bylaws, a five person Personnel Committee recommends candidates for nomination as directors. The Personnel Committee consists of two directors chosen by the Board of Directors, two RVPs elected by the Board of Counsellors and one section member selected by the Board of Section Presidents.

As approved during the spring 1981 meeting in St. Louis, Missouri, three incumbent directors eligible for another term were renominated, and Phillip Williams was nominated to complete the slate of four. Additionally approved were two nominations to fill unexpired terms. Therefore, approved in accordance with the AIS bylaws, the nominees are:

For regular three year terms expiring in 1984

Glenn Corlew
Mrs. C. C. Rockwell, Jr.
Julius Wadekamper
Phillip Williams

For unexpired terms ending in 1982

Janice Chesnick
Richard Pettijohn

The bylaws provide that additional nominations may be made by any forty members, of whom not more than fifteen may be located in any one region. Such additional nominations must be received by the AIS Secretary on or before September 1, 1981. Should additional nominations be made, a ballot on which will be listed all the nominees will be mailed on or before October 1, 1981 to all AIS members, and must be received by the AIS Secretary or Election Committee (if one is appointed) on or before November 1, 1981. If there are no nominations in addition to those listed above, issuance of a ballot may be omitted.

HAROLD STAHLY, President

TABLE OF CONTENTS

Annual Presidential Letter	2
And We Met Them in St. Louis...Reviewers	5
More Borer Thoughts...Reprint, Orville Fay	28
Congratulations	30
Familiar Faces Accepting Major Awards	31
Special Awards Presented	33
Popular Vote Winners	35
Research on Bacterial Soft Rot...Saxton, Sharma, Gashaw	38
Obituary, Frank Crouch	52
Miscellany	53
Obituary, Arnold Schliefert	56
Letter from "Iris en Provence" ...Pierre Anfosso	57
Pollen Daubers Seminar	59
Invitation for Guest Irises	74
Contributions to AIS Foundation	75
Beauties in a Box...Nicholson	77
Photo Credits	79
Obituary, Glenn Hanson	80
Understanding pH...O. M. Otte	81
Our Readers Write...Georjean McLaren	83
Conventional Humor	84
Our Readers Write...Cecil Wadleigh	85

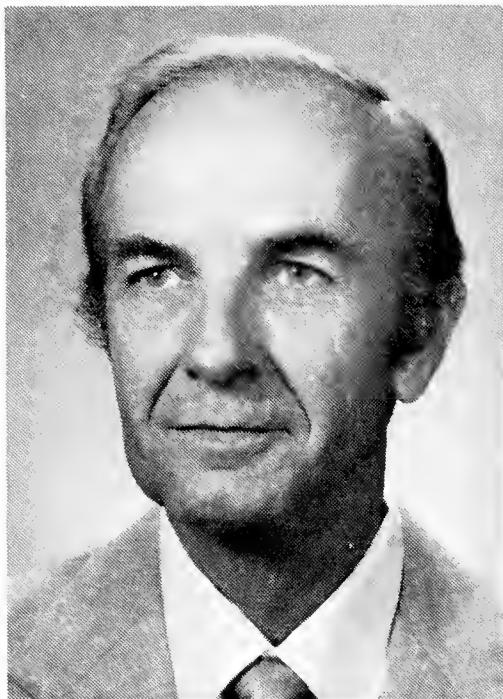
REGULAR FEATURES

President's Desk	4	Flightlines	61
Library	46	Youth Views	67
International News	47	Editor's Notebook	71
Domestic News	51	Membership Rates	78
Slides	60	Contributions	79

ADVERTISERS

F. Crandall	89	Mrs. Kegerise	88	Seaways	87
C. A. Cromwell	89	Paw Paw Labels	45	D. Sindt	86
Ench. Rainbow	88	Saxton	86	Tow Path	66
Varigay	Cover 4	Schultz Fert	78, 88	West	86

Cover: The popular Award of Merit recipient BLUE LUSTER at home in Brown's Sunnyhill Garden, photo by originator, Opal Brown, 1973



From the Desk of the President

Hal Stahly

Conventions, iris shows, garden visits, and other sociable iris activities are now pretty much at a standstill. In their place we are preoccupied mainly with the business of planting new rhizomes, dividing old clumps, watching seed pods, fighting weeds and drought—mundane things, to be sure, but punctuated occasionally with the pleasant event of picnic or auction.

This does seem a good time to reflect for a moment on iris economics, particularly the fact that our commercial growers and hybridizers have largely held the line on prices. We would be most fortunate if inflation had so little effect in the other areas of our lives. As a society we depend heavily on these commercial operations, and we owe them our gratitude. Patronize our *Bulletin* advertisers!

I also have personal feelings of gratitude for the work being done by AIS personnel. I'm thinking of the various officers, chairmen, committee members, RVPs, and others. There are many jobs being done in a most efficient and effective way. I marvel at the quantity and quality of work accomplished, especially since it is done without remuneration and often with little recognition.

In a sense it may be unfair to point out in this column the contributions of one person when so many others also deserve public commendation. But I'm taking that risk because I think more people should be aware of the work of Allan Ensminger. His optimism and enthusiasm are contagious. And he has added a genuinely new dimension to the job of RVP Counsellor by sending to the RVPs a monthly letter of information, suggestions, and other material of interest. His work is terrific!

(Continued on page 29)



AND WE MET THEM IN ST. LOUIS



No one had the classic St. Louis blues (except the elegant iris of that name!) at the AIS national convention May 12 to 16. Fears of past-peak gardens were unfounded, since cool weather had held the blooms to await conventioneers.

Cool rain on Thursday, the first day of garden tours, was a test of iris fortitude, but Friday and Saturday offered sunshine and stalwart stalks aglow in the gardens.

The tour gardens, with over 2,000 guest irises, delighted viewers in a panorama of sizes and types, and seldom have conventioneers been treated to finer examples of landscaping and companion plantings for irises. The St. Louis climate is virtually tropical during the summer, despite strong seasonal contrasts, so the range of plants seen, especially in the Missouri Botanical Gardens, almost overwhelmed.

Your Editor's only regret was the limited time and the rain that

hampered full relishing of the Missouri Botanical Gardens' 79 acres. Originally known as Shaw's, it is the oldest botanical garden in the nation and deservedly ranked among the top three institutions of its type in the world.

Anyone visiting St. Louis during any season should be sure to tour this horticultural heaven that features specialized greenhouses including the Climatron (a geodesic-domed, climate-controlled building) and extraordinary display gardens such as the Japanese, rose, herb, English woodlands, scented (with Braille signs for the visually handicapped), magnificent sculptures and fountains and much more.

Much of the Editor's time was spent on a special tour, led by MBG Director Alan Godlewski, of the 14 acre Japanese Garden, Seiwa-En—"the garden of pure, clear harmony and peace." This garden is 80% completed through donations totalling two and a half million dollars. It was designed by a Japanese native, now a professor at UCLA, who is noted for his designs in Chicago and Denver, and thought to be one of the world's top landscape designers. According to Mr. Godlewski, it is "very, very authentic" in plantings and design, and "its authenticity is continually reaffirmed."

Japanese irises surround the zigzag bridge on the edge of the four and a half acre lake that is central focus for this garden. The varieties planted are imported from Japan or hybrids donated by AIS Japanese iris expert Art Hazzard. Some plants hinted at buds, and photographs of last year's spectacle showed magnificent bloom.

Displays at every tour garden were exhilarating, and the gardens provide convention rationale, but the people involved who organize and facilitate activities deserve credit, too. Innumerable persons go into the making of a successful convention, but your Editor gives special kudos to Jim and Jean Morris (the General Chairman and his wife), Roy Bohrer (tour garden host and provider of *Bulletin* promotion photos), Harry Boyd and Vince Italian (who projected awards program slides without cues) and Nina Dix (who coordinated activities with the hotel and managed to be everywhere, smiling and efficient.)

AIS conventions are always fun, but special features here deserve extra credit. Youth members enjoyed an early get-together and a poolside pizza party. Both the Welcome and Grand Banquets had gourmet quality dinners served to over 500 attending. Conventioneers who choose to ride up into the famous St. Louis arch reported it to be spectacular.

Again this year, despite escalating expenses for travel and accommodations, the AIS national convention attracted devoted irisarians and offered them a superb time in the host city. Our congratulations to the folks instrumental in making our days there a great pleasure. On to the gardens. . . .



THE SHAW GARDENS

Jimmy Burch

To get to the iris plantings in the Missouri Botanical Gardens, we walked through a lovely entrance pavillion that included twelve Corinthian columns. Behind this were pools in various geometric shapes and then the Climatron, in which we saw a large planting of tropical trees, shrubs, ferns, orchids and more.

The path leading to the iris plantings was bordered by trees such as maiden hair, southern magnolia, Japanese tulip and bitter nut. Mock oranges were in full blossom. The surrounding ground area was covered with ivy. Nearby was a greenhouse filled with camelias and pansies; there was a tremendous rose garden in full bloom.

The irises were planted in various shaped beds around a sweet bay magnolia tree. Asphalt paths made viewing easier in the pouring rain. Irises of note included. . . .

DARK MARIE, a deep violet Siberian, had many bloom stalks and was taking the inclement weather quite well.



At Shaw's, a tram transported some conventioneers, the Climatron drew interest, and Art Hazzard was seen near Japanese iris plantings which he had donated.

DEWFUL, an extremely good Siberian, had very wide falls and was also dark violet.

SNOW QUEEN, a short (12-15") Siberian, presented a mass of white blooms.

ANNIVERSARY, another white Siberian, was its usual good self.

PORT OF CALL, a white spuria, had an outstanding gold signal and made a beautiful clump.

LILAC FLAME, Hamblen '79 tall bearded, was a lovely ruffled pink with lavender edges.

SHEER POETRY, D. Palmer '79, was an unusual light brown with bronze hafts and a violet blaze on falls that exhibited excellent form and branching plus resistance to rain and wind.

COPPER CLASSIC, Roderick '79, was a reddish brown self that looked great.

INTY GREYSHUN, Ensminger '80, was a different splotched violet and white that also weathered well.

PACIFIC MIST, Schreiners '79, was a light blue violet with many good stalks.

COLORADO SUNSHINE, Magee '78, had light yellow standards, fluted white falls with yellow hafts and borders and exhibited outstanding form and weather resistance.

FROSTY JEWELS, Burch, '79, was a light pink whose leathery substance made it look good in the rain.

BILL BLEDSOE, Bledsoe '80, was a light blue that was well branched and had many buds.

JOKER, Mallory, with yellow and violet standards plus dark red violet falls with a $\frac{1}{4}$ " band of yellow-violet blend from the standards, was different.

SUNRISE SYMPHONY, Spahn '78, was a bitone yellow-violet blend with falls much darker than the standards. The flowers had excellent form with lacing; the stalk carried seven to nine buds on several branches.

LACED FRINGE, Sellman '78, was just the iris for one interested in lacing, a red-violet self with yellow beards.

ANGELIC LIGHT, Kegerise '78, a pale blue, exhibited its usual good qualities of branching, form and bud count.

PEACH TREE, Mohr '78, was a well-branched apricot orange with globular flowers.

SILVER HEATHER, Niswonger '78, a light lavender with pink beards, offered domed standards, semi-flaring falls and excellent branching.

CHIPPENDALE, Denney '78, was a red-brown self with violet blazes and weather resistance.

There were others in good bloom despite adverse weather; many older varieties proved their strength. Of the above, stars for top quality go to SHEER POETRY, COLORADO SUNSHINE, JOKER, LACED FRINGE, ANGELIC LIGHT and SILVER HEATHER.

The Missouri Botanical Garden is the oldest botanical garden in the United States and has over 79 acres of landscaped grounds. Rare iris prints and books, along with a herbarium specimen display, had been prepared for the AIS conventioneers. And, Don and Sue Delmez are to be congratulated for the exceptional care given the Shaw Gardens' iris plantings.

* * *



Wurls



CHARTREUSE RUFFLES

THE WURL GARDEN

Janice Chesnick

Betty and Russ Wurl's open back yard featured neat beds of irises and a large circular bed surrounding a small desert garden. Large trees grow around the perimeter of the yard and grass paths led through beds of irises planted single file for easy viewing—a photographer's paradise!

This private garden has been established since 1966 and redone in the meanwhile. Superb care is evident in the well grown irises with clean healthy foliage and blooms that are large and showy.

Among the irises starring in the Wurl Garden was LEDA'S LOVER (Hager 1980), a creamy white tall bearded with full, round form, fluted and ruffled, showing several open flowers well spaced on each tall stalk and PACIFIC SHORES, Babson's 1979 bitone that was tall, heavily ruffled and beautifully branched.

A Shoop seedling, 75-11, was pale lilac with red beards and lacing: an eyecatcher! TROPICAL NIGHT was superb, and LONGVIEW ROSE by Schafer was a mulberry with orange beards offering lovely, vivid color and opening several flowers on a stalk.

Roderick's RUFFLED BALLET was excellent. BASIC BLACK, an older introduction from Ben Hager, was in full bloom in two large clumps—very dramatic! FAR GALAXIES by Babson, a deep mulberry purple, featured white flush and striping in the falls.

CHARTREUSE RUFFLES, a 1976 introduction from Nate Rudolph, made my list of favorites, as did Steve Varner's seedling 917, a deep lavender that was heavily ruffled.

THE KNIGHT GARDEN

Jim Rasmussen

The Knight Garden was begun in 1960, although many trees and shrubs—maple, Alberta spruce, mock orange, sweet gum, yews and dogwood—had been planted earlier. Since then, Betty, with Ed's help, has developed the area around their house into a totally integrated landscape in which every plant complements another and adds to the enjoyment of viewing this.

All plants were beautifully grown. Most perennials were grown from seed in Betty's greenhouse room. Clumps of digitalis, penstemons, lupines, columbines, iberis and dianthus set off an impressive array of irises.

SHORT CAKE (Stevens), a dark orange brown with a red flush on the falls, LEDA'S LOVER (Hager '80), MISS PRISS (Quesnell '76), TRILL (Terrell '74), FLAIR (Gatty '76) and LIFT OFF (Saxton '79) were outstanding.

Other eyecatchers were CHARTER OAK (Gadd '80) in velvety dark purple; Wood's seedling 77-20, a large flaring white with orange beards; SUN KING (John Stahly); QUEEN OF HEARTS; JEANNE PRICE (B. Jones) and BLUE PERFECTION (Schreiners '74).



MISS PRISS

THE CHISM GARDEN

Dave Niswonger

A driveway lined with full bloomed irises, as well as a curved walkway led to Polly Chism's splitlevel brick home. All types of medians, Siberians, peonies, geraniums, petunias, sweet rockets and sedums laced the well trimmed beds. Stepping stones meandered through the yard, and French lilacs added side interest.

"Lets keep straight lines, so we can mow around them," Lee, Polly's late husband, had said when they completely redid the beds two years ago in preparation for the convention. The size of clumps and blooms evidenced the new soil added to all of the beds.



Most outstanding were COPPER CLASSIC (Roderick '79), with huge brown blooms on sturdy stalks which took a good hard rain the night before, and SHEER POETRY (Palmer '79), a lacy, large medium blend that looked great.

Tall stalks of FLAIR (Gatty '76) wore light blue enhanced with a deep touch of blue in the heart of the flowers. CHARTREUSE RUFFLES (Randolph '76) was a mass of blooms. VICTOR HERBERT (C. Benson '77), a large medium blue, looked very nice. WILD BERRY (Hamner '78) was quite distinctive with deep rosy plicata markings.

MIRRORED SKY (Palmer '79), a large, flared, ruffled blue, was attractive. A perky clump of BROWN LASSO, border bearded, Buckles '75, was looking quite starchy after the rain. There was a nice large clump of deep fire (Schreiners '79) displaying a huge mass of red.

Also, Steve Stevens' seedling 76-12-9 was putting on a fine show; it had won the Best Seedling award in the flower show. DRUCILLA SHAW

(Bellagamba '78) was a large ruffled white with a creped effect.

STORMY SEAS (W. Jones '79) had a beautiful stalk of three large open blooms with the effect of a reverse amoena with touches of infused yellow; a different color. PEACH TREE (Mohr '79), a huge, wide light salmon, stood the rain quite well.

SUMMIT LADY (Jorgenson '81) shone a bright showy apricot. SPELLEMAKER (Corlew '81), a smoky grape color, was loaded with blooms in a very different tone. TUT'S GOLD (Schreiners '79), a large bright yellow, could be seen across the garden. STEVE VARNER (Briscoe '78), a nice blue Siberian, was exceptionally good here.

The folks from California enjoyed the large peonies that bordered the driveway. There were several clumps of daylillies, recent introductions, interspersed between the irises, that showed promise of good bloom this summer.

BELLA VISTA GARDEN

Allan Ensminger

A gnarled tree trunk supported the Bella Vista Garden sign, telling us that we had arrived at the garden of Gus and Louise Bellagamba. Tall bearded irises were planted at the edge of a grove of black locust trees.

Bella Vista Garden consists of an acre of land planted with almost anything nice that will grow in the St. Louis area. Louise says that it has grown irises like Topsy, with trees and flowers planted where spots were available when plants were at hand.

Along the walkway were irises, peonies, poppies, sweet williams, hostas and hemerocallis. Several large dogwoods had been transplanted from the wild when small and now were specimen trees. A giant rosebud still bears the platform from a treehouse for the five children who have long since flown the nest. Louise is the gardener and hybridizer who has nurtured this garden.

She has hybridized Siberians, and this garden is designated a Siberian iris display garden. At the birdfeeder is a beautiful violet-blue Siberian with a white blaze that bears the garden name BIRD FEEDER. Many garden visitors have thought that this one should be registered. Of the 47 Siberians guested in the garden, we especially liked STAR CLUSTER (Hager), STEVE VARNER (Briscoe), ANN DASCH (Varner) and MAGGIE LEE (Bellagamba).

Louise also hybridizes all types of bearded irises. Two of her outstanding new TBs seen in many convention gardens were AN-JAN and DRUSILLA SHAW. Other beautiful guest irises growing among the locust trees were SHEER POETRY (Palmer), MULBERRY CRUSH (Niswonger), WELL ENDOWED (Ghio). Also putting on a good show were FLAIR (Gatty) and VANITY (Hager).

Unfortunately, we were too late to see all of Louise's daffodil seedlings and the many daylily seedlings that will add color to Bella Vista Garden when the irises are over. Thirty-four years of love and work were involved in the creation of this garden; it is a joy to visit.



Left, Louise Bellagamba, Guest Iris Chairman of the convention, studies irises in her garden. Below, Betty Bohrer stands amid their rock garden.



THE BOHRER GARDEN

John Weiler

This new garden of two years growth is on gently rolling hills covered with grass. Ample space allows plants to grow vigorously for great floral displays. Although irises dominate the plantings, other gardening interests are evident in collections of peonies *hemerocallis*, and a large rock garden located on rather steep slopes at the rear of the house. The varied material in the rock garden includes several sedums, thyme, *CERATOSTIGMA (plumbago)*, *HEUCHERA (coral bells)*, phlox, bergamot and other plants in smaller quantities.

The iris beds were grouped in several widely separated areas of the grassy slopes. Each group of beds had a focal point of statuary, bird bath, or "wishing well" with the whole ensemble arranged in geometric patterns. One low area of the property was devoted to Siberian irises but most of the other plantings were tall bearded varieties ranging from very recent introductions or guest seedlings to historical cultivators of a generation or more ago.

Among the outstanding varieties seen were TORCH PARADE (Bledsoe '79), a sandy beige with an inner orange glow and bright orange beards; ST LOUIS BLUES (Schreiner '79), a huge broad lavender blue with white areas around the beards, and a nicely branched stalk, but supporting only five buds; SHAMAN (Du Bose '80), a striking flower of muted coffee standards and velvety black violet falls with amply branched and budded stalk; DREAM ROMANCE (Burger '78), with clean white standards, soft lavender-pink falls and startling golden orange beards.

CORAL BEAUTY (Niswonger '81), is one of several of his improvements in smoother peach amoenas with three and four branches per stalk carrying seven or more buds and many increases; AN-JAN (Bellagamba '79), glows with quality in a slightly smoked pink producing well-branched stalks with seven buds.

BROWN LASSO (Buckles-Niswonger '74), the outstanding border bearded iris is almost perfectly proportioned whenever it is seen growing and so distinctive that it can be confused with nothing else. Antique gold standards are accented by blue violet falls edged brown and carried on beautifully branched stalks.

BAYBERRY CANDLE (DeForest '69), is another variety of considerable age that is not like any other for color—soft yellow standards and

bayberry wax falls. One of the best of the older varieties is the AMIGO (Williams '34). We still do not have this sharp contrast of clean blue standards and deep blue violet falls in a modern iris.

For a new garden, plants were very well grown and groomed for the conventioneers.



Stirring up good snacks and good irises, Delores Kassly.

THE KASSLY GARDEN

Dave Silverberg

In a verdant woodland setting, the Kassly garden was the joint effort of Region 9 members across the Mississippi River in Fairview Heights, Illinois. This garden has many distinctive features, not the least of which were rare Tanyosha Pines (Japanese Umbrella Pines). The cones of this evergreen do not grow singly, but clustered around the branches like bunches of grapes. Inside each of three circular beds which dominate the planting was a fine showing of chamomile used by our mothers and grandmothers to treat colic. The garden gave strong evidence of loving care in the large clumps of irises and abundances of bloom. It was difficult to choose, from all the many fine irises just a few.

Outstanding in this garden, and in others was ST. LOUIS BLUES (Schreiner '79), with wide, exquisitely ruffled falls blooming up a storm on very strong stalks. Doing equally as well was ORITAM (Hoffmeister 77), a very bright and vibrant variegata with 7 stalks on a two year clump. BLUE MOUSTACHE (Protzman '79) is the finest approach to a blue bearded white I've seen so far. The beards blend to yellow deep in the throat but it should serve as a worthwhile tool for hybridizers searching for completely blue-bearded whites.

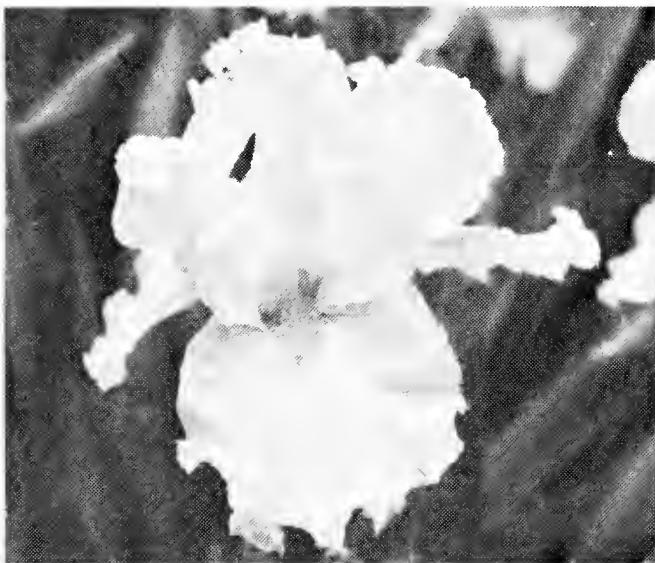
A growth spurt early in the season caused many of the stalks to be top branched, but there were many that displayed excellent branching. DREAM PINK (Burger '80), with 9 stalks on a two year planting, is a very delightful feminine looking pink with fiery red beards capped by a small pale white blaze. PINK PALACE (Paquet '79) presents a very pleasing appearance in a light peachy pink, bright orange beards and excellent branching on strong stalks. In a totally different color pattern, HEATHER BLUSH (Hamner '77), opens with dark shadings of violet and mauve that pale to a delicate violet-mauve highlighted by brilliant red-orange beards. Although I have never been a fan of color blends, I must admit this one has changed my mind! Seedling 7-76-21A (M. Robinson), is a dark royal purple with neat, tightly domed standards and near horizontal flaring falls. Also from the same hybridizer is Seedling 75-5A in white with domed standards and nicely flaring falls.

Off to one side of the garden was a planting of Siberian iris in a boomerang shaped bed. Capped on either end with oriental poppy, and spaced with coral bells, the Siberians looked extremely healthy and vigorous on three year plantings. Doing very well was Seedling 76-49ASIB (H. Briscoe) with blue buds that opened to broad falls and strong upright standards in medium blue-violet. While still a bit early for most Siberians to be blooming in this area, SHOWDOWN (Varner '75), a grape purple with a white thumb print on broad falls, had five stalks on a three year plant.

CHARTER OAK (Gadd '80), a dark, dark violet was not yet in bloom when we visited the garden but buds showing color promised a good display from the 10 bloom stalks on a 2 year clump. I saw it the next day in another garden, and the promise was fulfilled on an almost identical sized clump with nearly as many bloom stalks. WICKLOU (Carr '77), is a delightful light blue with noticeable veining that added to the appeal of the flower. Poor weather conditions prevented us from really viewing this one. Seedling 73-123-1 (Weiler), is a ruffled, lightly laced, brilliant yellow with orange beards. MORNING

MUSCALE Helsley '81), a white with gold shoulders on broad, rounded, lightly ruffled falls, looked good on strong, well-branched stalks.

The weather wasn't improving our disposition, and the bus captain's whistle was a welcome sound. I made one last stop at an old circulating fountain and pool dominated by half of a large clam shell. The fountain was built on the property about 70 years ago. Basic construction is standard red brick and mortar, but it is unique because the entire pool is covered over with Geodes, which the native Missourians call Missouri Jewels.



Weiler 73-123-1



BESAME MUCHO

THE DIENSTBACH GARDEN

Larry Harder

Rounding the corner of the house, viewers came upon iris beds laid out surrounding a pond with a Japanese-style bridge. A long expansive garden sloped further down toward the lake that bordered the back of the property. The upper part of these beds contained irises, then a long lawn sloping down the hill to a vegetable garden.

Marie, whose twin sister was on hand to help, began growing irises only two years ago. She had enjoyed irises earlier, but with the encouragement of next door neighbors Jim and Jean Morris, her garden grew to a convention tour garden. Older favorite varieties including TIFFANJA, remained in a raised bed at the back of the house. An Italian sundial that Marie imported for her husband Mark, a clock collector, further enhanced the garden.

Among the most outstanding convention irises were Louise Bellegamba's popular pink AN-JAN and a beautiful stalk of Ghio's 1981 pink introduction HIGHNESS. For greenish iris fanciers, BETTERMINT, Ghio 1979, was a star.

CHIPPENDALE (D. Denney 1977) was a blend of mahogany and red violet with blazes under the beards. ORANGE MASTERPIECE (Schortman 1978) glowed as a very lacy bronze with markings that radiated at haft.

A. Roderick's 1980 PLEATED GOWN was a beautiful ruffled dark cream with the form described in its name. Next to MIRRORED SKY (Palmer '79), which showed the sky's reflection in a white bearded ruffled blue, was Dorothy Palmer's brilliant coral pink seedling 4975A.

SOFT SPOKEN (P. Dyer '80), a border bearded, grew tall here but exhibited the beautiful soft lavender blue flowers well. This variety has great branching.

BESAME MUCHO (Spahn '79) was a tall yellow with light areas in the falls lit by brilliant gold beards that highlight the flowers. We were able to see the last flowers on DIVINE GUIDANCE, Roderick's new short ruffled white.

A large clump of Glenn Corlew's LOVING HEART had smaller flowers than usual but delighted viewers in lightly blended pink with light tangerine beards.

STEADY PACE (Ev. Kegerise 1980) was a new brown red with two branches and spur. Melba Hamblen's BANJO MAN was a dark tall blend with brilliant blazes in the falls.

A gleaming bronze with golden highlights in the falls, COPPER FLAME (Ramona Blodgett 1978) featured bright, dark red tangerine beards.

WILD MONKEY (Plougher '81) was wild in a medley of mottled red-brown and yellow golds. The first bloom was open but had been through rains, so was not showing off as it should.

The first flowers to open on a clump of Hamlen's '79 LILAC FLAME made a striking presentation. Basically, irisarians would probably call this iris pink, but the lilac flame is bright lavender stripes radiating from the beards.

ROUGETT (Warburton) is a named variety of versicolor that gives the iris world a new type of iris to enjoy for long lasting garden value in perennial borders. It was beautiful in sparkling deep mulberry red.



The Dienstbachs



. . . and their garden

THE MORRIS GARDEN

Claire Barr

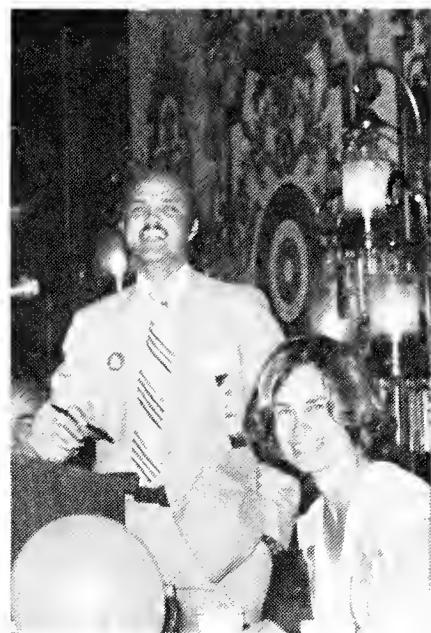
Jean and Jim Morris' tour garden had been established less than three years. They dug the clay soil beds deeply, and added compost and horse manure; Cygon 2E is used for borer control.

In front of their ranch house, a post and rail fence line the iris border. Behind the house, bordered with evergreens, is a yard filled with iris beds, overlooking a long slope down to a lovely tree-lined lake. Raised iris beds are surrounded by railroad ties and include hostas, bleeding hearts, Japanese peonies, Columbines, an interesting Solomon's Seal sport, and more.

The Morris family is packed with irisarians. Jim's grandmother created the beautiful iris quilt on display. Jim served as General Chairman of this convention; Jean works with Campfire Girls, who served as hostesses. The two younger Morrises, Eric and Suzanne, now 19 and 16, attended their first national convention in 1974, and have been deeply involved since then. Suzanne won a second place in arrangements in this year's national show. Jim has a median display garden. He would like to have plantings of Louisianas and *i. pseudacorus* down near the lake, and was overheard discussing the



The Morris garden



. . . the Convention Chairman
and wife, Jean

Irises included tall bearded, medians, Siberians, Zebra iris, and blue *I. tectorum*. Some irises are not-so-new, including a large planting of Knopf's WEST COAST in full garden bloom.

The outstanding varieties in this superb garden included: SOUTHLAND GRAPE (Burch), a real eye-catcher in vivid grape color and bronze beard; SURFS UP (Weiler), a huge ruffled violet with upright standards and slightly open, very rounded falls; Dave Niswonger's new BLUE ZIPPER, a cool ice blue, with a light blue-grey beard and Knocke's LOVE CHILD, with warm lavender standards and velvety violet falls, rimmed lavender, make quite an impression, too.

Dorothy Palmer's SHEER POETRY is a handsome tan-gold with an indistinct signal of blue-lavender. Roderick's DIVINE GUIDANCE, a cool white with closed standards and flaring falls, and Dunderman's BLUE TWINKLE, MTB, of intense blue, and excellent rounded form, showed well.

Burch seedling 74-19-E, a slight crinkled straw colored tall bearded flushed with light violet; Schreiner's seedling 1-686-1 with yellow-washed creamy standards and falls blended pale violet and cream with wine markings on the hafts and Knocke's 7305, a well branched, huge medium brown, were appealing.

* * *

THE HAHN GARDEN

The exchange of colors seen in this garden's rows started in the back with CATHEDRAL WINDOWS (Babson '77), a vibrant blend of reds and flashing violet.

Corlew's '80 introduction STORYBOOK offered contrast in cool and classy pink. Nearby was Hager's vibrant violet plicata MIRROR IMAGE, which showed its crisp contrast well here as in several other gardens.

Niswonger's seedling 20-77 was excellent: an icy blue with bluer beards, an advance in its class.

PINK BUBBLES, Hagers '80 border bearded sibling to BEVERLY SILLS held crisp and pristine pink blooms on virtually perfect stalk placement.

Two blue and violet bitones, SCENARIO (Hager '79) and PACIFIC SHORES (Babson '79) glowed in lusty competition. Nearby a two star blue and violet BLUE TEMPEST was produced by Burch '79. A good year for bicolors.

MELTED CHOCOLATE (Dahling '77) looked delicious with good warm brown tones in good form. Clough's '75 introduction TULIP FESTIVAL, with light yellow standards and dark yellow falls seemed unusually bright here.

RUFFLED BALLET (Roderick '75) and CHERISHED MEMORY (Roderick '78) represented two of his finest introductions in this garden.

SHEER POETRY, a star in almost every garden and first runner-up for the President's cup at this convention, lived up to its name. Dorothy Palmer's subtly elegant creation offered brown blended stands with warm pink on the midrib and golden falls with violet flushes.



Clyde and Anna Hahn



PACIFIC SHORES



Reviewer Corlew and the Rodericks

THE RODERICK GARDEN

Glenn Corlew

Elvan "Al" Roderick and wife Pauline are proprietors of Roderick's Florist shop, with adjoining grounds aglow with well-landscaped flower beds. Irises grow in wood-edged beds accompanied by geraniums, petunias, pansies, evergreen shrubs and innumerable other superb plants. The swings and swimming pool prove that this is a lived-in family garden; the spectacular spray of oncibium orchids against the house was one of many examples of the horticultural expertise that made this a superb show garden as well.

Discoveries await viewers in almost every direction in this expansive garden. Al and Pauline not only grew plants to perfection, but fascinated guests with a pen of Silver Seabright Bantam and Old English Game Bantam chickens and skittering chicks.

The Roderick family established their garden in the present location 18 years ago; their irisng dates back 36 years. The perfection of their plantings and landscaping make this small commercial garden extraordinary.

Among the most notable iris varieties were SUPER EGO, McGarvey's dark-marked light blue Siberian and Palmer's '79 introduction SHEER POETRY, a tan blend. BEVERLY SILLS, Hager '79, was well grown in three large pink clumps.

ST. LOUIS BLUES (Schreiner), Roderick seedling 79-20 and CORAL SATIN were my choice as the most outstanding varieties here. The Roderick seedling 79-20 was a lusty blue and white from RUFFLED BALLET breeding.

Another seedling (FIREBALL X FLAME) attracted much attention in a pure brilliant red tone previously unknown in tall bearded irises—just what many hybridizers have been aiming for. A tag said that it would be destroyed due to poor branching. That seems a shame, but one must agree that it would be tedious gardening work to spray paint every bloom as the Rodericks did these. What a sense of humor!

Other outstanding varieties I noted here were ORITAM (Hoffmeister '77), PARADISE (Gatty '80), LEMON LYRIC (Meek '79), LIGHTED WITHIN (Blodgett '80), BRIDAL CROWN (Schreiners '81) and ORANGE STAR (Hamblen '81).



FILOLI



Roderick 7919

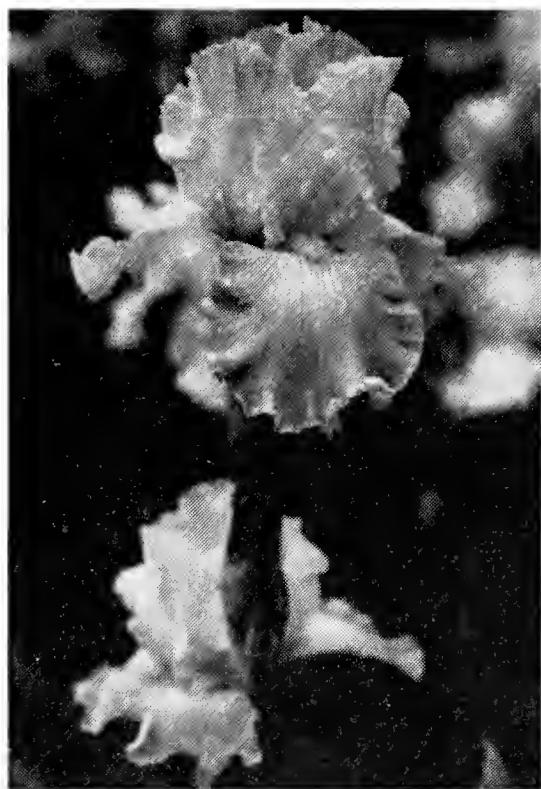
Mr. Corlew's modesty must have prevented him from noting the fine performance by his own '81 introduction FILOLI, a beautifully formed white with red beards, seen in a front side bed with its impeccable form shown against pink companion plants.

Also exciting was Roderick's seedling 7919, a lusty full violet sib to his STAR WARS, and it featured blue beards. STAR WARS was elegant, but its brother offered even richer color and comparable form.

And WHO'EE, apparently introduced by St. Louis area hybridizer Stevens, was a dynamic color departure. We understand that he is using the border bearded as breeding stock to improve its branching. Colorwise, this little show stopper has warm red and orange blended standards overlaid with transparent gold; heavily marked red falls have an orange edge and are pure orange underneath.



WHO'EE



LIGHTED WITHIN

THE QUESNEL GARDEN

Julius Wadekamper

The Quesnel Garden was the work of Victor Auguste Quesnel, long time member of AIS who died August 13, 1980 and did not get to see the conventionees come to his home. He created the garden for his wife Opal, who graciously welcomed the visitors.

Named Petite D'Anet Garden, it honors the memory of Victor Quesnel's provincial ancestral Chateau d'Anet. It has been open to visitors as well as all AIS members.

The Quesnel Garden featured a plaque that read "Yard of the Month, Nancy Weber Garden Club, Farmington, MO" in front of the two story white Victorian home.

The garden behind the house was artistically set with raised buck walkways and irises bloomed with delphiniums, peonies, lumpines and other companion plants.

A separate bed featured Opal Quesnel's 1976 introductions, both HM award winners. MISS PRISS was softly precise in pink and MELON BISQUE hinted at cantaloupe tones.

STEVE VARNER, Harley Briscoe's large blue Siberian made an elegant clump. Keith Keppel's '77 Introduction FLAMENCO showed a dark tan standards and purple plicated falls with bright clear color.

THE GRIFFEN GARDEN

Grady Kennedy

The Griffen garden was picturesque with choice garden cultivars in a wide range of horticultural areas, irises being only one. The garden was relatively small, a traditional level city lot, but the design and use of plant material gave the overall impression of freedom, isolation and serenity.

Some outstanding iris favorites included, COPPER CLASSIC (Roderick '79), which is just what it's name implies, a large, ruffled copper self. Also by Roderick was the '81 introduction, PLEATED GOWN, a fringed lemon yellow. Ghio's CREME DE CREME made a show in ruffled white with golden edges and shoulders. Also outstanding were Burch's '82 introduction SILVERY DEW, in medium silver-blue, and Jones' seedling H2640, light brown standards with white falls, tinged in brown. Ensminger's SHAZAM was impressive, a white border bearded, lightly splotched with purple. Companion plants included carnations, gloxinias, and numerous varieties of roses. The design of the garden was accented with conifers and flowering trees, and enhanced by flagstone paths, small statues, and a fish pond.



The Griffins
and their garden



Top, the Quesnel garden; above, Opal Quesnel.



Roderick 7920



Shoop 75-11

More Borer Thoughts

Bee Warburton wrote to the Editor . . .

"The following information about borers lies buried in a regional report submitted by the late Orville Fay when he was Regional Vice-President, in 1943. I have never seen it reprinted, and it contains information that I have never seen published elsewhere. I was particularly interested in the association of borers with evergreen trees because I have noticed for many years that they are always prevalent at the end of the iris patch next to a group of pine trees; this past year, 1980, there were almost no borers in the iris garden except right at this end, where I rooted out at least a dozen, nearly every clump being infested with at least one. This approach to the subject was typical of Orville's investigative efficiency, practical and right to the point."

from AIS Bulletin #92: pp 20-21

by Orville Fay, Region 9 Report
1943

"It seems that very little is known about the life cycle and habits of the iris borer through all of its stages, so this summer about the middle of July, while I was transplanting iris, I dug up two fine fat iris borers. They were about the diameter of a lead pencil and $1\frac{1}{8}$ inches in length. Each had hollowed out a home for himself inside a rhizome. A coffee can was filled two-thirds full of garden soil, the iris roots with the borers were transferred to the can, and the lid with a few holes punched in it was clamped on tight. Every few days an inspection was made. On August 20 both borers had been transformed into a hard-shelled mahogany brown shiny chrysalis. The lower half of the body is jointed in rings, and could be moved from side to side, so I think they work themselves up through the soil by this movement. Several times I buried them two inches deep and in a few days they were back up on the surface. On October 9 the first moth emerged from the chrysalis through a small slit on the shoulder and damaged the brown shell almost not at all. The next day the other moth came out. These moths were dark brown, almost the color of garden soil. The wings lie flat and give the moth a triangular shape. These moths were covered with thick fur, which was almost one-eighth of an inch long on their shoulders and chests, so they are all equipped for night-flying when the temperature is below freezing. During the day they refuse to fly,

but at night they are very strong flyers, and seem to be irresistibly attracted to a bright light. From October 10 to November 1 several more moths were caught at night by using automobile headlights. Several of these moths were photographed in color. This habit of flying directly into a strong light suggests a way of destroying the moth, as a torch may be placed in your garden with a tub of water beneath it to catch the moth after it has singed its wings, or an electric light surrounded by a cage of charged wires may be hung in the iris garden on October nights. These lights are used in warehouses, where peanuts and chocolate beans are stored, to destroy moths. Through towns north of Chicago a fast highway parallels the Northwestern Railroad, and the narrow strip of land between the two has been planted to iris for miles. Borers do not bother these iris at all, and we think the moths are destroyed before they have time to lay eggs by flying directly into a fast moving train or car. It is my opinion that the moths mate as soon as they emerge, and the eggs are laid on iris plants, grass or weeds, and especially on the lower branches of evergreen trees where the moths hide during the day. Do not plant good iris near an evergreen tree. I think the eggs hatch in the spring and the young larvae start walking until they find an iris plant where they settle down and spend the summer."



(President, cont.)

Related to this kind of work are our continuing reasons to be optimistic about membership growth. Just over a year ago President Wolford announced our passing the 6000 mark. He called then for setting a new goal of 7000 members. I think this is realistic and one we can accomplish in the reasonably near future.

As a final note for this time I want to mention the St. Louis convention. Although it is history as you read this, deadlines force me to write these words before convention time. I know of the great amount of work done by Convention Chairman Jim Morris and all of his workers, and am confident that it will be a great time. We truly appreciate all of the effort that went into its planning and implementation.

Have a pleasant summer.



Al Roderick accepts the President's Cup from Jim Morris and right, Sid DuBose accepts, for Ben Hager, the Cook Cup.

CONGRATULATIONS!

Word was received during the St. Louis Convention that an American iris had triumphed in the prestigious international competition in Florence, Italy. This year's Premio Firenze top award went to BEVERLY SILLS, the floriferous coral tall bearded variety hybridized by Ben Hager and introduced by Melrose Gardens in 1979. The same iris, a month earlier, had garnered both best recent variety and best tour garden iris of any vintage at the Region 14 meetings in Fresno.

Ben Hager did not attend the national convention this year. He was represented in St. Louis by Melrose partner Sid DuBose, who accepted Ben's Clarence G.

White Award for SHEIK and Awards of Merit for CLAP HANDS and ABRACADABRA. As a finale, Hager creation LEDA'S LOVER won the popular vote for the Cook Cup.



Familiar Faces Accepting Major AIS Awards

. . . at the Awards Banquet included (top left) Dave Niswonger, (top right) Bee Warburton, (lower left) Melba Hamblen and (lower right) Currier McEwen. In the background are Ken Waite and Kay Nelson.



WINNERS

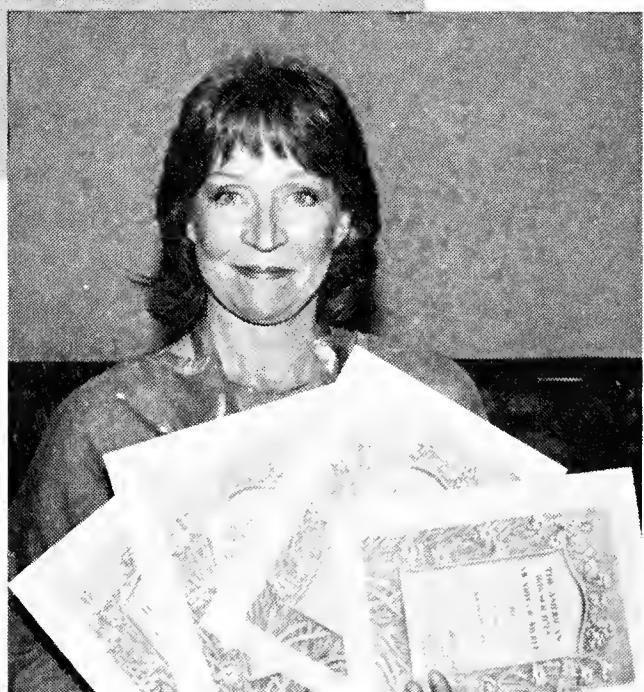


And More Familiar Faces

. . . accepting major awards were (top left) Sid DuBose for Melrose partner Ben Hager, (top right) David Sindt, (lower left) Frank Chowning and (lower right) actress Delores "Dodo" Denny for Keith Keppel, including an award to ACTRESS, her namesake.



WINNERS



SPECIAL AWARDS PRESENTED IN ST. LOUIS

WILLIAM DYKES MEMORIAL MEDAL: from the British Iris Society, selected by AIS Judges last year, to MYSTIQUE, created by Mayor Joseph Ghio of Santa Cruz, California. Both Joe and the iris have been described in earlier issues; see cover January 1981

RECIPROCAL AWARD: the AIS Hybridizer's Medal to the British Iris Society's selection of the most outstanding hybridizer of the year, to noted hybridizer and former BIS President C. C. Hall

FOSTER MEMORIAL PLAQUE: from the British Iris Society to an outstanding AIS hybridizer, to Melba Hamblen of Utah, a former AIS Director, for her many noteworthy contributions to the improvement of the Genus Iris



Joe Ghio accepts the Dykes Medal from President Hal Stahly; Hal holds the Foster Plaque, and Ken Waite watches, as Melba Hamblen addresses the audience

HYBRIDIZER'S MEDAL: awarded by the AIS Board of Directors for a hybridizer's total achievements, to Joseph Gatty of northern California, who has received a series of awards for introductions in several iris categories

DISTINGUISHED SERVICE MEDALS: voted by the AIS Board of Directors to three men for their outstanding efforts in an administrative capacity aiding the American Iris Society . . .

to Keith Keppel, award winning hybridizer and irisarian since his youth, served two terms on the Board of Directors and continues to chair the Registrations Committee

to Kenneth Waite, served two terms on the Board of Directors, and continues to chair the Awards Committee

to Leon Wolford, chaired the Awards Committee, served as Second Vice President, then AIS President from 1978 to 1980

Youth Achievement Award winners are described in Youth Views, this issue.



Cups, medals and certificates await presentation at the Awards Banquet, Excellent facilities in St. Louis and the help of convention officials made it easy at the microphone for Chairman Ken Waite, emcee Ann Dasch, Kay Nelson, Hal Stahly and Maryann Anning.

1981 CONVENTION POPULAR VOTE WINNERS

Each year, those attending the AIS national convention vote to select the most outstanding varieties seen on the garden tours. Ballots are submitted at the end of the last day's tours and the results announced as an exciting climax to the grand banquet's award ceremonies.

Earlier unseasonably warm weather had hastened the bloom season in Missouri and Illinois, but several weeks of cool weather followed to slow progress, so that conventioneers were greeted by near peak bloom in tall bearded irises. Weather changes may have been responsible for some tendencies for varieties to branch higher than usual, but others showed the lusty mettle that garnered votes for trophy competition regardless of conditions. Such quality is an excellent indication of floriferous strength.

The President's Cup is awarded to an iris introduced from within the region(s) hosting convention tour gardens; irises created by hybridizers outside this area are eligible for the Franklin Cook Memorial Cup, which honors a former AIS president.

The winners listed below, and others that drew attention from conventioneers and garden reviewers at a floriferous convention may be on their ways to iris stardom.

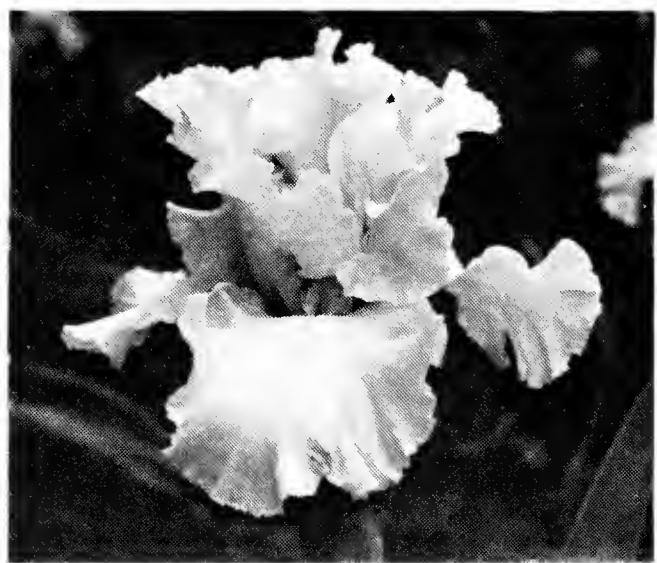


COPPER CLASSIC

PRESIDENT'S CUP

WINNER: COPPER CLASSIC (Elvan Roderick), a well-named metallic brown of stalwart growth habits 180 votes

RUNNERS-UP: SHEER POETRY (Dorothy Palmer) 115 votes
AN-JAN (Louise Bellagamba) 31 votes
PLEATED GOWN (Roderick) 15 votes
MIRRORED SKY (Palmer) 12 votes



SHEER POETRY, left, and AN-JAN; below, Elvan Roderick with PLEATED GOWN

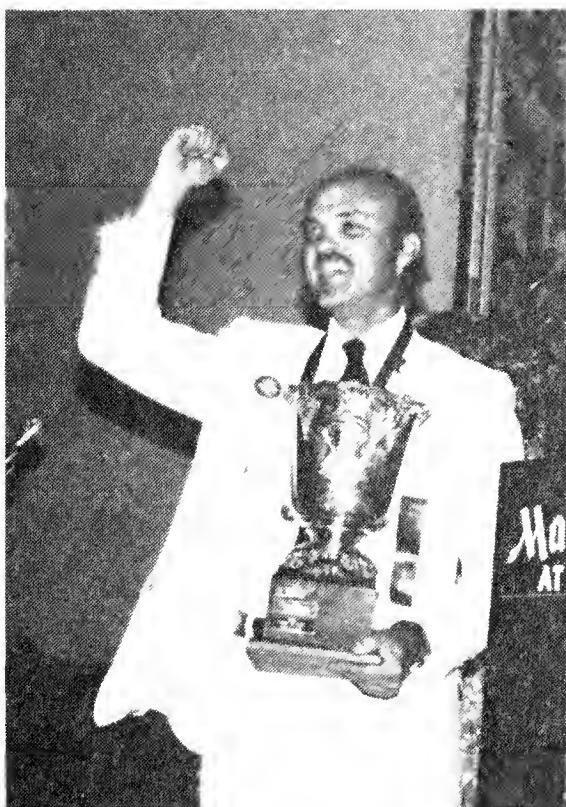
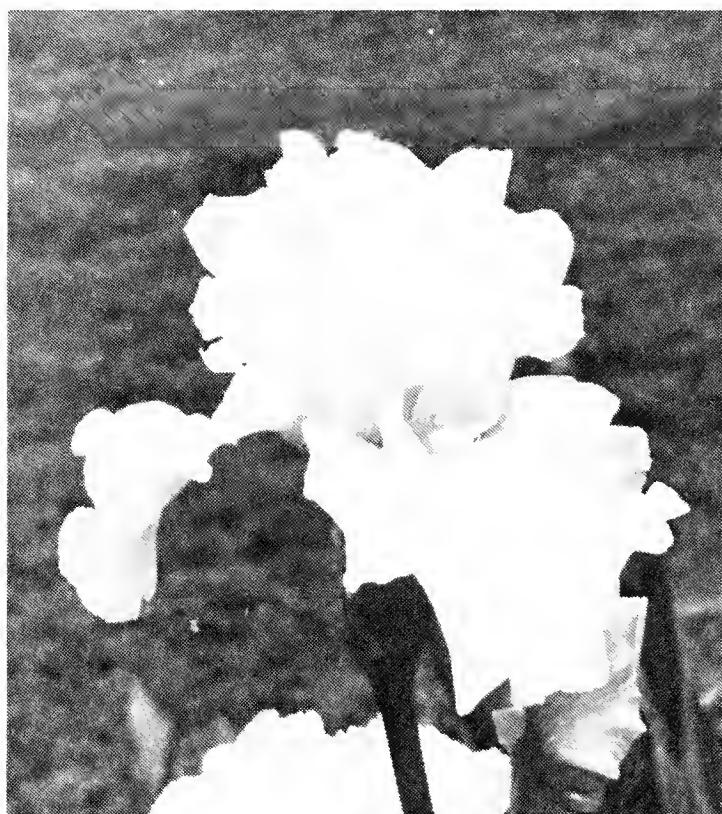
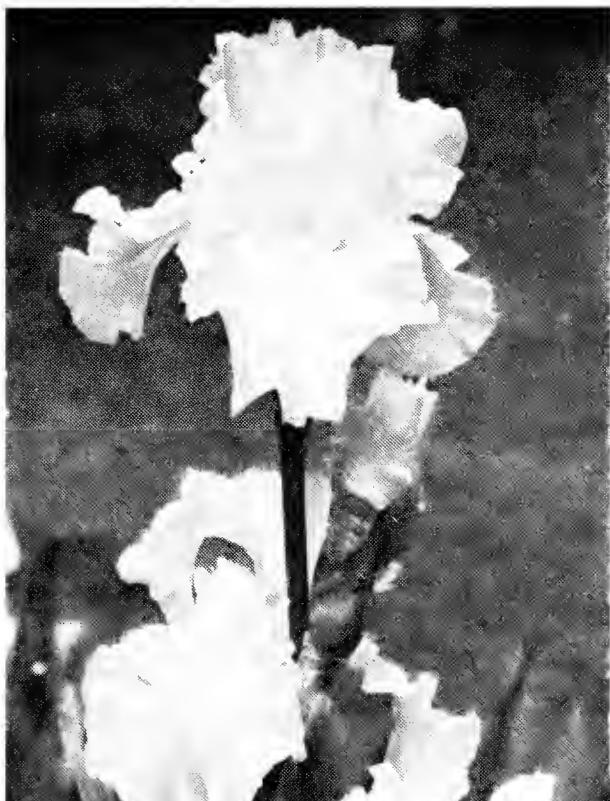
and a stalk of MIRRORED SKY



FRANKLIN COOK MEMORIAL CUP

WINNER: LEDA'S LOVER (Ben Hager, '80), a full, ruffled warm white of elegant poise 84 votes

RUNNERS-UP: ST. LOUIS BLUES (Schreiners) 51 votes
STEVE VARNER (Briscoe) Siberian 30 votes
LOVELY KAY (Hamblen) 23 votes
PINK PALACE (Paquet) 16 votes



Above, LEDA'S LOVER, stalk and closeup; right, Jim Morris, Convention Chairman presented trophies

RESEARCH ON BACTERIAL SOFT ROT OF IRISES

**Govind C. Sharma and Legesse Gashaw, Alabama A&M University
and Donald R. Saxton, Region 24**

INTRODUCTION

In August 1978, Region 24 initiated a research program to investigate the causes and control of bacterial soft rot in irises as a part of their Charlotte Sawyer Iris Research Project. An agreement was negotiated with Alabama A & M University to conduct this research program under a multiple year grant. This grant is jointly funded by Region 24 and the American Iris Society Foundation. The first phase of this program was to conduct an extensive literature survey to determine what was already known about this disease problem, not only in irises but also in other plants, and to determine promising research approaches to disease control. The second phase, which is in its infancy, was designed to conduct experiments to identify soft rot control strategies. This report summarizes progress made in both phases.

LITERATURE SURVEY

Bacterial soft rot of succulent plant tissue is of world-wide occurrence. It is one of the most important diseases of vegetable and ornamental plants in transit and storage, and is among the most important of the bacterial diseases of growing plants. Elliott (1930) lists the following plants as common hosts for bacterial soft rot: onion, celery, asparagus, many edible members of the cabbage family, caladium, red and green pepper, chicory, cucumber, muskmelon, carrot, Jerusalem artichoke, hyacinth, many species of irises, lettuce, tomato, tobacco, geranium, kidney bean, snap bean, rhubarb, egg plant, potato, and violets. As can be observed, this bacteria has a widespread host range among the economic plants.

The bacteria are common in most soil, particularly soils closely cropped with plants susceptible to attack. This disease is documented extensively in the United States, Canada, Bermuda, Great Britain, Holland, France, Japan, and the Philippines (Elliott, 1930). L. R. Jones in his studies at the Universities of Michigan and Vermont showed that the bacteria *E. carotovora* causes soft rot by producing an enzyme (Pectinase) that dissolves the cementing layer between cells,

therefore, tissues loose their form and structure. *Erwinia carotovora* (Jones) Holland is a peritrichously flagellate rod, $0.7 \mu \times 1.5 \mu$ that forms white, somewhat roughened colonies in culture. In nature the bacterium survives from season to season in the soil deriving nourishment from plant debris (Roberts and Boothroyd, 1972).

Iris growers probably have had the experience of noting a wilted and drying fan on a clump and getting their fingers in a slimy, foul-smelling mess at the base of the plant when they started to investigate the disease symptoms which are actually the last stage of a fairly long process. This disease may appear immediately, soon after transplanting, or after clumps have been established. The first symptom observed is falling over of the healthy leaves because of the rot and tissue collapse at the base. The foul odor also provides a good means of diagnosis.

Soft rot is basically a hot weather disease progressing most rapidly at a temperature above 80°F . It probably would be of little or no importance below 60°F . The disease appears to be favored by the accumulation of moisture at the base of the plant (Dimock, 1959). Such climatic conditions are particularly prevalent in the southeastern U.S.

A positive identification of *E. carotovora* is only possible in the laboratory using microbiological techniques. Considerable work has been done on such isolation/identification techniques as selection media, fluorescent antibody stains, soil enrichment, and plant tissue screening.

Wills (1945), a Nashville, Tennessee iris grower, reported on conditions that are most conducive to soft rot incidence. He observed greater incidence of soft rot among irises from crosses involving reds and pinks, while those with blends in their parentage were presumably 'hardy' to the disease. A lesser association was seen between the level of liming and soft rot incidence. The soft rot started a few inches above the root and then spread downward into the rhizome.

Randolph (1949) suggests prevention of the spread by thorough garden cleanup. This simple management step consists of the removal and burning of dead leaves from irises and from surrounding shrubbery to prevent the spread of fungus leaf spot, bacterial soft rot, and the iris borer. He also stated that by 1949 the iris borer was found to be as far south as Nashville, Tennessee. A wider spread of borer was anticipated. The life cycle of the borer and the symptoms caused by it were also discussed. Dimock (1954) emphasized the importance of effective iris borer control along with good cultural practices such

as provision for water to drain away from the rhizomes and avoiding heavy application of manure, crowded growing conditions, planting under shade, and excessive weeds in the iris plots. Suberization or callousing of rhizomes prior to planting by exposure of fleshy rhizomes to sun or to dry cool air is also recommended as a preventative practice (Wallace, 1957). Howard (1962) conducted a study in West Virginia titled "The Iris Borer and Iris Soft Rot". The source of the disease is contaminated soil that is present on or in the vicinity of the iris plant. The borer becomes contaminated as it moves around over the foliage and then introduces the disease into the susceptible tissues during any subsequent feeding. The role of the borer in spreading iris soft rot is thought to be as follows: inflicting the wound necessary for the infection by soft rot, introduction of the disease into the wound, and breaking down or inhibiting the cork formation in rhizomes which would heal and prevent entrance of the disease. A preference of the borer moth for oviposition on dried flower stalks rather than on the leaves was also reported. Removal and destruction of iris stalks could be an effective preventive measure both for the iris borer as well as for soft rot.

Gaskill (1954) recommends certain soil fertility and physical environmental considerations for proper culture of irises. Deep, loose, friable soil which will supply moisture with minimum compaction is desired. A soil reasonably balanced in amounts of clay, sand, and humus meets the above physical requisites. Except for barnyard manure which contains weed seeds, other forms of humus are considered beneficial. Gaskill attributes soft rot incidence more to the injuries caused during the removal of weeds and grass than to the addition of manure or humus *per se*. For iris culture, the soil pH should be kept below 7.0. At lower pH *E. carotovora* should proliferate less rapidly in the soil.

The literature is replete with reports of various control measures/treatments which have seemingly provided some degree of control of soft rot. Many of these methods have been tried by other growers with mixed results leaving a question as to their effectiveness. A summary of the more predominant control measures mentioned in the literature as follows:

(1) Frequent examination of plants to detect borers is desirable. All rotted portions of the rhizomes should be carefully cut out and destroyed. The remaining rhizomes should be soaked in a disinfectant solution and then let dry in the sun before resetting (Dimock, 1954; Leach, 1965; Anonymus, 1966).

(2) Dusting or spraying the plants and surrounding soil, including exposed rhizomes, heavily with an insecticide for borer control. The application should be repeated every week until the flower spikes begin to show (Pirone and coworkers, 1960). Materials, such as rotenone, pyrethrum, Thimet, and Malathion have given good control on the young borer if applied weekly (Pirone, Dodge, Rickett, 1960). Dunbar (1975) also reports efficacy of Cygon, Dursban, Orthene, Isotox, and Diazinon.

(3) Since the bacteria that cause soft rot are highly susceptible to drying, shallow planting with the upper half of the rhizomes above the surface of the soil will aid considerably in preventing trouble. A well drained soil is desirable (Forsberg, 1975).

(4) Since several antibiotics have the property of controlling bacteria, iris growers began to experiment with their effectiveness for control of soft rot as early as 1954. Coffey (1956) used Agrimycin and Terramycin for control of soft rot. Upshur (1963) utilized Agrimycin 100 (Agricultural Sales Div. Pfizer & Co., Brooklyn, NY) which is a combination of Streptomycin and Terramycin and found that this product was more effective than Agri-Strep (Merck and Co.). Application of the antibiotic was made weekly using a watering can to soak the foliage, rhizome, and ground around the plants. Nash (1962) reported *E. carotovora*'s sensitivity to Streptomycin and Triple-Sulfa. He sprayed on four occasions during the growing season with a mixture of Agri-Strep, detergent Dreft, with Dupont's sticker-spreader. The concentration of Agri-Strep in the spray mixture was 440 ppm. The control plot was also dusted with 10% sulfanilamide, 10% sulfapyridine, and 80% of dusting sulfur. Based on this one year study, effective control of soft rot was observed. Pirone (1978) also suggested Streptomycin dip as an effective control method at planting time. Dickinson and Einert (1974) have used Squibb Mysteclin F (1 capsule/gal.) as a preplant rhizome dip. Mysteclin F contains tetracycline hydrochloride and amphotericin B, a combination of bactericide and fungicide.

(5) On lettuce (crisp head type), weekly application of copper hydroxide or basic copper sulfate reduced soft rot incidence in Hawaii (Cho, 1977).

(6) Several household remedies have also been tried by iris growers. Their claims for effectiveness can be justified because of the disinfecting properties of certain household detergents and scouring agents such Clorox, Comet, Ajax, and Lysol, etc. Lowering of the soil pH using a mild organic acid such as vinegar has also been mentioned.

Based on previous reports, several approaches can be considered for iris bacterial soft rot control. Some of these are:

- (a) The effect of bactericides (antibiotics) and the relative efficiency of various formulations available should be evaluated. The most effective chemicals in terms of cost, number of applications needed per season should also be considered. In this regard, experimental controlled-release antibiotics could be formulated and their effectiveness studied.
- (b) The use of antibiotics could be augmented with effective insect control and also used in combination with some fungicides.
- (c) Various methods of weed control including herbicides and mulching should be considered for minimizing repeated cultivation, thereby avoiding injury to plants.
- (d) Studies need to be undertaken in relation to manipulation of the soil environment so that the soils in the vicinity of iris rhizomes become less suitable for soft rot bacteria growth. Manipulation of pH, improved drainage, and other soil requisites such as improved aeration should be methodically studied.
- (e) A concentrated long term effort in identifying genetic resistance in irises to soft rot is needed. Utilization of such resistance in the breeding for soft rot resistance in iris cultivars should be an important ingredient of soft rot control.

Several of the control measures suggested above were previously studied on non-replicated plots. In such cases the data received minimum statistical treatment. It is clear that *E. carotovora* will be a difficult disease to control or prevent because of its wide host range and omnipresence in the ecosystem.

EXPERIMENTAL PROGRAM

The Research Committee of Region 24 and staff members of Alabama A&M University evaluated and discussed the results of the literature survey and planned an experimental program to investigate the causes and control of bacterial soft rot in irises. It was decided that the initial experimental program would be directed toward evaluation of various chemical and cultural treatments.

An experimental garden site was provided by Alabama A&M and bed construction was initiated in the fall of 1978. Three beds were prepared initially. Each bed is 210 feet long, 4 feet wide, and raised a minimum of 6 inches above the paths. Preparation included the addition of silt soil and fertilizer and rototilling. One of these three

beds was further prepared and utilized as discussed below for the first experiment. The other two beds were planted for display and stock multiplication. Two additional beds were added later and one was prepared for the pH experiment which would be initiated the following year.

Experiment No. 1 was intended to evaluate several of the control measures suggested in the literature survey. Treatments consisted of commercially available Agrimycin (antibiotic—dip 50 g/l, every two weeks), Furidan (systemic insecticide—sprinkle $\frac{1}{2}$ tsp 1 inch off the rhizome, every 6 weeks), Fertilaid (a mixture of 37 Brazilian bacteria, some hopefully canibalistic to *E. carotovora*—initial surface application 5 lb/100 sq. feet), Dowfume (biocide—preplant soil treatment at the recommended rate of application), and a combination of Dowfume and TEMIK (granular systemic insecticide—applied every 6 weeks). Three iris varieties were selected, from the limited choices available in the quantities required, based on their soft rot susceptibility as determined by the growing experience of Schreiner's Gardens who graciously provided all of the 288 rhizomes for this experiment. The varieties selected were BABBLING BROOK, CRAFTSMAN, and MELODRAM. The experiment was designed in a randomized complete block with four replications and four rhizomes per variety per replication. Observations consisted of the number of unrotted rhizomes and the number of fans produced per rhizome. During the winter of 1978-79 we encountered severe losses in the experiment bed which were not at all typical and were probably attributable to late planting which led to heaving. The experiment was replanted in 1979 and continued. We took this opportunity to make two changes in the experiment: (1) the bed was mulched with pine straw to prevent heaving and (2) Furidan, which has label restriction due to its extreme toxicity, was replaced by Cygon 2E (liquid systemic insecticide). Observations were made at regular intervals from the fall of 1979 until September 1980 when the complete experiment bed was dug and final data recorded. Although the problem of bacterial soft rot was far from resolved, the following conclusions are drawn:

1. The use of pine straw mulch during the winter months is of great value in protecting iris plants from heaving and subsequent damage. This confirmed the findings of Mississippi State University under the B. Y. Morrison Project sponsored by Region 24 and AIS in 1965-73 (Perry and Box, 1973).
2. The regular use of the systemic insecticide Cygon 2E appears to burn iris foliage.

3. There is a significant difference in resistance to bacterial soft rot between iris varieties. This suggests that control could be achieved in time by screening available varieties and breeding for disease resistance.

4. Generally, soft rot incidence seems to associate itself with the density of plants. Crowded rhizomes tend to hold water and stay moist longer, thus creating a favorable environment for the disease. The practice of dividing rhizomes needs to be more frequently followed for rapidly growing varieties.

5. Experimental data seem to indicate beneficial aspects of a systemic insecticide, such as Cygon, and an antibiotic, Agrimycin. Regular use of such compounds in iris culture merits further consideration.

Experiment No. 2 is intended to investigate the effect of soil pH on the incidence of bacterial soft rot. Soil pH is the primary environmental condition variable that affects the density and composition of soil bacteria. The greater the hydrogen ion concentration (lower pH), the smaller generally is the size of the bacterial population. This experiment will require two years of observations to determine whether low pH will control soft rot and whether the iris plants will grow and bloom satisfactorily in a low pH soil condition.

Planning is already underway for a third experiment which will be based on the results of the first experiment. Future reports will discuss this new experiment and provide the final results of the current experiments.

LITERATURE CITED

- Anonymous, 1966. Growing iris in the home garden. Agricultural Research Service, U.S. Department of Agriculture, Home and Garden Bulletin No. 66. p8.
- Cho, J. J. 1977. Control of bacterial soft rot of crisphead type lettuce in Hawaii. Plant Disease Reporter. 61 (9):783-787.
- Coffey, K. E. 1956. Use of antibiotics in treatment of rhizome rot. American Iris Society Bulletin No. 141:32.
- Dickinson, F. W. and A. E. Einert, 1974. The response of tall bearded irises to herbicide/mulch combinations. American Iris Society Bulletin No. 215:62-67.
- Dimock, A. W. 1954. Suggestions for control of iris leaf spot and soft rot. American Iris Society Bulletin No. 133:42.
- Dimock, A. W. 1959. Garden Irises. (L. F. Randolph, ed.). The American Iris Society, St. Louis, MO. p106-116.

Dunbar, R. D. 1975. What is new in iris borer control? American Iris Society Bulletin No. 216:44.

Elliott, Charlotte, 1930. Manual of bacterial plant pathogens. The Williams and Wilkins Company, Baltimore. p39-45.

Forsberg, Junius L. 1975. Diseases of ornamental plants. University of Illinois Press, Urbana, IL. p111-112.

Gaskill, F. 1964. Soil fertility for irises. American Iris Society Bulletin No. 174:77.

Howard, M. C. 1962. Review of studies on iris borer and soft rot. American Iris Society Bulletin No. 167:55.

Leach, J. G. and Elliott Jones, 1965. Diseases of the iris in West Virginia and their control. West Virginia Agricultural Experiment Station Bulletin 509. p18.

Nash, T. P. 1962. Some experiences with bacterial soft rot in Memphis. American Iris Society Bulletin No. 164:58.

Perry, J. H. and C. O. Box, 1973. The B. Y. Morrison Iris Research Project. Mississippi Agricultural and Forestry Experiment Station, Mississippi State University for Region 24, American Iris Society, p9.

Pirone, P. P. 1978. Diseases and pests of ornamental plants. John Wiley and Sons, New York, p316-318.

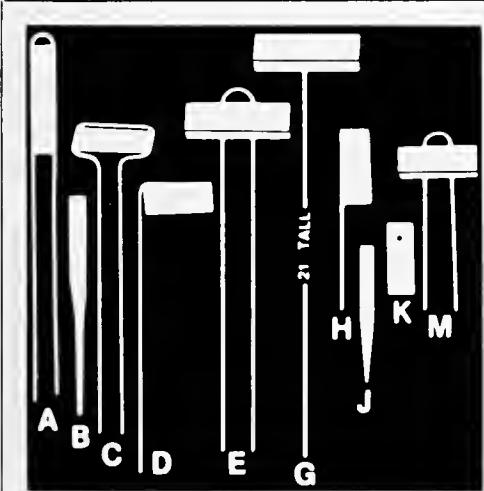
Roberts, P. A. and C. W. Boothroyd, 1972. Fundamentals of plant pathology. W. H. Freeman and Company, San Francisco, p168-170.

Randolph, L. F. 1949. control of iris borer and leaf spot. American Iris Society Bulletin No. 113:10.

Wallace, M. D. 1957. Rhizome rot in iris. American Iris Society Bulletin No. 146:67.

Wills, E. J. 1945. The mystery of soft rot. American Iris Society Bulletin No. 99:10.

Upshur, Eleanor, 1963. Controlling iris rot. Region 24 Newsletter, American Iris Society, September.



The Permanent Metal Label

A—Hairpin Style Markers	30 for \$5.25
B—Plant or Shrub Markers	100 for \$3.50
C—Cap Style Markers	30 for \$5.25
D—Swinging Style Markers	30 for \$4.50
E—Rose Markers	30 for \$5.20
F—Tall Display Markers	30 for \$6.90
G—Tall Single Staff Markers	30 for \$6.45
H—Pot or Rock Garden Markers	30 for \$3.90
J—Small Plant Labels	100 for \$3.30
K—Tie-On Labels	100 for \$4.25
M—Miniature Markers	30 for \$4.80

PAW PAW EVERLAST LABEL CO.

Box 93-G Paw Paw, Michigan 49079

Quantity Prices Available

Postage Prepaid

AIS LIBRARY PUBLICATIONS

THE WORLD OF IRISES \$15.00

Edited by Warburton & Hamblen; 34 contributors and authors including international authorities. 494 pages of text; 32 pages full color. Published in 1978 and the most authoritative book on all phases of irises, scientific and popular. 6" x 9" hard bound cloth cover.

AIS LAPEL PINS \$5.00

AIS Logo in blue and green on silver plated pin 1/2" x 5/8" with safety lock catch.

TWO RARE IRIS PRINTS each \$6.00; both for \$11.00

Suitable for framing. Color reproductions of original art work done for the New York Botanical Garden in 1929. See illustration, in Spring 1978 *Bulletin*, page 59. *Proceeds from sale of prints will be used to support the work of the AIS Historical Committee.*

HANDBOOK FOR JUDGES AND SHOW OFFICIALS \$2.50

HANDBOOK FOR AMERICAN IRIS SOCIETY MEMBERS AND OFFICERS \$2.50

1979 MEMBERSHIP LIST \$2.50

1959 IRIS CHECK LIST \$3.50

Hard bound. Ten year compilation of registration 1950-59, complete awards listing 1920-59. Only check list still in print. Others sold out.

REGISTRATIONS AND INTRODUCTIONS—1977 \$2.00

1978 \$3.50

1979 \$3.50

BULLETINS: Current issues \$3.00

Back issues, if available \$2.50

BULLETIN 1 (Reprint) \$1.50

Golden Anniversary *BULLETIN* \$2.00

1977 BULLETIN INDEX \$1.50

BRONZE ANNIVERSARY MEDALS \$2.50

The AIS 50th Anniversary medal in antiqued bronze. Suitable for pendants, show prizes, and special awards.

AIS SEALS Pack—\$2.50; 5 Packs—\$10.00

Self-adhesive ovals, slightly larger than a half dollar, official design in blue and green on a silver background. (50 per pack)

AIS AUTO LICENSE TAGS \$3.50

Prices include postage and handling.

Make checks payable to The American Iris Society

Send order to Dorothy Howard, 226 E. 20th St., Tulsa, OK 74119

Tel. (919) 582-4932



International News

Bee Warburton, Editor

As Sidney Mitchell once wrote, "It has taken several Americans, a Czech, a Canadian, a Hollander, an Englishman and two Frenchmen to get us as far as LADY MOHR."

Such a history could be traced for all the modern bearded irises, and even for some groups of native Americans, which owe much to international effort. The Californicae particularly have been improved and promoted by the English, and recently the Louisiana irises have received much attention from the Australians, as witness the fine Bulletin titled *The World of Louisiana Irises*, prepared in Australia for the Society for Louisiana Irises by Bob Raabe with the Society's International Committee, which has members in South Africa and New Zealand as well as in Australia, where these beautiful irises grow magnificently.

Species crosses in Switzerland

Dr. Robert Egli, one of our Swiss members, has been working for some years on rather difficult species projects. Like the true scientist he is, he prefers to make no comment on these until he feels competent to make a final report, but he did write a few progress notes in his Christmas message:

"I am not yet ready for a report on the hybrids of *I. sibirica* X *I. setosa*; Still I wait for a better form using a good curved *I. setosa interior*, and of course, with two purple parents. But I succeeded in 1980 with a white *tectorum* with a higher stem of about 40 cm and several flowers. I also got seeds from a blue *tectorum* (high stem) with the variegated form of *I. pallida*. If that will give seedlings?"

The Egli's son, Peter, makes fine woodcuts of his father's species, one of *I. wilsonii* from China.

China Revisited?!

I. wilsonii is a member of the Chinese Siberian group, which differ in some respects from the more usual type of garden Siberians. They have chromosomes with a count of 40 as against 28 for the more robust European types. Eckard Berlin, one of our German members, has had a surprising success in doubling the chromosomes of this 40-chromosome group by the use of colchicine. We have been eagerly waiting for the renewal of plant collecting in China, and when Eckard sent us the interesting news that he had been able to arrange a trip to China for this spring, the natural thought was that it would be splendid if he could add new germ plasm to the gene pool of this lovely group of plants. Moreover, there are other Chinese species that have never been properly studied.

Roy Davidson, asked to help in locating sources for Eckard, wrote: "Now that China is opening up we can hope to reach some of the known stations for plants lost, hoping they still might be there. I know of one station that should yield two species, the wild form of *I. japonica* (so-called: it was once introduced from China), and the one named for Augustine Henry, *I. henryi*. Henry collected at the end of the last century, the very end . . . He left China on its very last day!"

"His most significant collections seem to have been in the Ichang Gorges (Yangtze River), shortly out of the major city of Ichang, or at least it was "major" then, being the end of river navigation, hence his post as customs inspector, 1881-1900. Both of these irises were on the limestone ledges of the Ichang Gorges."

In France, Irises and the Artist

Translation of President's Message published in the French Iris Society's Journal No. 59, 1980, by Mme. Gladys Clarke:

"I have just received from a friend a little book about the garden that belonged to Claude Monet at Giverny. The Iris that the artist particularly liked occupied a large part of the borders. They were associated with peonies, poppies, valerian and roses. I think I have identified in one photo a camelia, pale rose in colour, called "Donation," which makes a smoky yellow iris that resembles old Rocket vibrate. In fact, the garden has been entirely restored, replanted, thanks to the generosity of a number of patrons, and the collection of Iris is up to date.

"On the banks of the pond, *Sibiricae*, Louisianas and Kaempferi are contrasted with the roundness of the leaves of the lotus. One's emotion is stirred in this garden—'The palette of a painter mad on flowers'—conjuring up memories of its creator with his long, very long white beard, bending lovingly over a flower that he will be showing on his canvas."

The President of the Society here quoted, Odette Perrier, is herself the author of a delightful small book, which has been reviewed in this column.

Travel in Switzerland

If you are traveling in Switzerland, a drive through some delightful scenery to the French Canton for a visit to the Chateau de Vullierens will be for the irisarian a doubly rewarding journey. The Chateau itself, maintained by the Bovet family as a national treasure, is in the tradition of the large Chateaux of France, complete with stables and vineyard, which produces a quite satisfactory wine. For irisarians the astonishing plus is a large commercial iris planting, managed with expertise by Mlle. Gabrielle Martignier.

The original iris collection here was brought together by the late Mme. Bovet, who was Dorine Meyer of Boston, Massachusetts. She imported her first American irises from Schreiners in 1951, and opened the garden to visitors in 1955. New varieties are continually added by Mlle. Martignier, and since 1975 the nursery has been the Swiss representative of Schreiners. It features a large collection of the newer TBs, and special beds of dwarfs and medians.

In 1980 the 10,000th visitor to the Iris garden was honored during the celebration for the 25th anniversary of its founding.

It would be well to check bloom dates before planning the trip. The polyglot group that traveled there from Basel during the G-80 found more medians than TBs in bloom.

New Zealand Convention, 1981

The 1981 Convention of the New Zealand Iris Society will be held in Hastings, Hawkes Bay, from Friday, October 30 to Monday, November 2, with an optional extra day on Tuesday. There will be several days of garden visiting where, season permitting, there should be some good displays of bearded Iris. One day will be given over to

meetings, workshops and discussion groups covering all species of Iris. On the extra day we will go further afield to some larger country gardens, and hopefully a craft display. We would be pleased to welcome any member of the American Iris Society who is planning a trip to New Zealand about that time. For particulars write to Mrs. Marion Ball, Mangateretere, R.D. 2, Hastings, or Mrs. Hilmary Catton, Wyuna Gardens, R.D. 2, Hastings, both Hawkes Bay, New Zealand.

In Memoriam, Lucy Delany

Lucy Delany, founder and long-time convenor of the New Zealand Iris Society's Dwarf Iris Group, died just before Christmas, 1980. She was a valued friend of many Americans who had never met her in person, and leaves us with a sense of loss but also of gratitude for her kind friendliness and for the legacy of small bearded iris she left to the iris world. Perhaps her best is FASHION DRAMA, a superb intermediate that won first for IBs at the New Orleans competition in 1978; she has also won prizes in Austria, but her introductions have not been well distributed in America. FASHION DRAMA, from Progenitor type breeding, is a bicolor with creamy yellow standards and bright orchid pink falls blended darker at the shoulders. It is shapely, wide and ruffled.

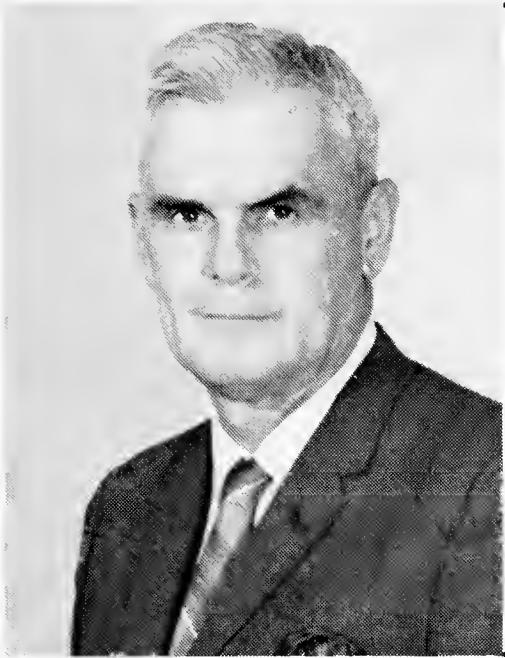
A Hint from Australia

From A.E. Cox, "Iris Corner", Carrum Downs, Victoria, Australia 3200:

"People with small areas for gardens might want to plant just those few more than they can keep apart. One way to avoid mix-ups is to plant purple-based varieties between those that are green to the ground. Should one variety have crept across another, foliage color would be a guide to the varieties. There are even variations in the purple that could be of help."

AND, Mr. Cox adds an admonition . . . the Australian Iris Convention is being held in SYDNEY, not in Sidney. Apologies! That will be in 1982, start planning on it now!





Domestic News

Fred Stephenson, Editor

Due to the increased cost of tour buses, Dave Silverberg, (RVP Region 19) has solicited maps from individual growers who are interested in having visitors see their gardens. This will allow people to tour during the peak of bloom season, and at their convenience. These maps are to be published in a special edition of the Region 19 Newsletter. In this way members will learn of iris gardens in their immediate area, providing an opportunity to see more irises with a minimum amount of travel. It will enable individuals to tour at their leisure, without the worry of hectic bus schedules. Car pooling is also encouraged.

Each Region 19 NEWSLETTER presents an interesting article on some phase of iris culture. The NEWSLETTER is so structured that should one care to, the articles can be removed for filing or storage without disrupting continuity.

An Iris Society membership as a Christmas gift! Yes, such a gift was reported in the Region 19 NEWSLETTER. It was given by a proud daughter-in-law as a means of enlisting an irisarian in the Region. (Ed. An idea for doing your Christmas shopping early.)

(From Region 19 NEWSLETTERS)

A NEWSLETTER SUGGESTION

Region 6 NEWSLETTER carries a want ad section for those who want "something iris". The section has proven to be very popular and most successful.

AN AUCTION IDEA

The Region 5 Spring Meeting in Atlanta will feature an Auction. "Old hat" you say! Well, maybe this one will be a bit different as it will be "featuring old gardening books, especially anything dealing with iris, old AIS Checklists, AIS BULLETINS (#189 is certain to sell) and plants. Tools, Birdhouses and stationery are all good items to contribute." (From Regional Meeting announcement)

AND PEOPLE

A sidelight noted in the obituary for Glenn Hanson published in the *Minneapolis Tribune* was the description of Glenn and Zula's "Disaster of 1975." After a hailstorm had flattened plants in their newly established commercial plantings, the garden was accidentally sprayed with an insecticide that had been contaminated with weed killer. Everything was wiped out; orders and checks were returned with a note about the disaster. Soon, they began to receive boxes of rhizomes from iris growers across the nation, not only replacing the thousand varieties lost, but adding 286 more. As Zula is quoted as saying, "The iris people are wonderful. It was an example of man's humanity to man." This editor suspects that this was partly in response to both Hansons' outstanding and congenial personalities, but iris people ARE wonderful.

FRANK CROUCH 1890-1980

Frank Crouch, long-time treasurer and former RVP of Region 14, honorary judge, died December 13, 1980.

Frank was a genial, hard-working man. During his 1955-57 term, membership increased by one-third, several new local societies were formed and the Region 14 Bulletin was started. As a member of the Sydney B. Mitchell Iris Society he continued to serve the iris society until advancing age and failing eyesight no longer made this possible.

Not long before his death, Frank and his wife, Norma moved to a retirement home having to give up his Berkley garden of choice and lovingly grown irises. Before his retirement Frank worked with U. S. Steel Corporation.

(Information from Region 14 Bulletin)

MISCELLANY

Among the judges' training classes offered in St. Louis was one in artistic arrangements and design, beautifully taught by Mrs. Robert Forbes. Her suggestions to show officials may help to coordinate efforts with artistic judges and provide the best possible shows for public viewing.

Minutes of the AIS Board of Directors Meetings will be published in the October issue; some of the highlights follow.

Any irisarian doing historic research may request information from the Historical Committee (Larry Harder, c/o Courthouse, Ponca, NB 68770.) A future article will describe the materials available. Also, Larry has need of iris catalogs from the 1940s and more iris slides. He gratefully acknowledges recent contributions from Mrs. Nate Rudolph.

An invitation from RVP John Weiler for the AIS to meet in Region 14, northern California, in 1986, was accepted by the Board. The schedule now calls for Denver in '82, Boston in '83, Seattle in '84. 1985 undecided and northern California in '86.

Any AIS member desiring advance notice of results from the Judges Ballots, from Dykes medal through Honorable Mentions, may send a stamped, self-addressed envelope to Awards Chairman Kenneth Waite, 6 Tow Path Lane, Westfield, MA 01085.

Next year's convention news report will appear in the October, not July, issue of BULLETIN. Later bloom seasons in cool climates cause publication delays, and the Board decided that next year's June convention would delay printing to an adverse extent for the Symposium Ballot scheduling.

Youth Committee Chairman Maryann Anning received the approval of the Board for a newsletter to youth, a Y. C. Ideas Booklet, and a Youth Member's Handbook. Comprehensive materials submitted to the Board for consideration and then discussed at a later meeting met with enthusiastic response; the youth program is growing.

Dr. D. C. Nearpass reported that the Slides Committee has added new collections—note description in this issue.

The Symposium Ballot for 1982, sent with this issue of BULLETIN, offers every member an opportunity to express iris opinions. Be sure to mail your ballot to your Regional Vice President by *September 21, 1981*.

Exhibitions Chairman Glenn Corlew, reported to the Board that thus far, 136 show schedules had been approved for 1981, and more were coming in from northern areas. He also showed the Board the prototype of the handsome Youth Division Bronze Medal being minted.

Judges and JT Chairman Ellene Rockwell reported that progress has been made on the forthcoming revised *Judges' Training Handbook*, containing many changes ruled over the years since the last publication. Roadblocks have been encountered, however, and there is no publication date commitment.

RVP David Silverberg reported that the RVP Board has discussed the possibility of their titling of judges categories, Senior Judge to Master Judge and Honorary Judge to Judge Emeritis. The idea will be studied and submitted through appropriate channels for discussion.

Sections Chairman James Rasmussen reported that about one third of AIS members also belong to a Section. Highest membership, in order, is found in the Median Iris Society, Species Iris Group of North America and Aril Society International.

The Board of Directors voted approval of Chairman Rockwell's proposal that English Boxes should be eligible for AIS ribbons, and Best Of Section awards, effective Jan. '82. This is an exhibitions method of displaying a collection of single cut blooms that is popular abroad and used increasingly in U.S. shows. See article in this issue, and in others forthcoming, for more information.

Julius Wadekamper showed the Board the elegant new book, *Siberian Irises*, written by Currier McEwen, edited by W. George Waters, and published by the Society for Siberian Irises. Watch for an advertisement for this book and information on how to order it.

The Fall Meeting of the Board of Directors will be held in Tulsa, OK., Nov. 6,7,8, 1981.

RVP Counsellor Allan Ensminger reported on suggested qualifications for Regional Vice Presidential candidates. The Board agreed that these should be published.

A CANDIDATE FOR REGIONAL VICE PRESIDENT SHOULD

1. Have been a member of AIS for five years or more
2. Have demonstrated ability to perform administratively at the local level
3. Possess the physical and financial ability to attend national meetings
4. Be willing to serve.

BULLETIN is proud that Managing Editor Phil Williams has been nominated to run for a full term on the AIS Board of Directors. He has proven his ability with the publication. Congratulations Phil!

Congratulations, too, to Richard Pettijohn and Janice Chesnick, selected by the Board to fill mid-term vacancies as Directors. Dick served as AIS Treasurer for years, brilliantly; Janice is completing her term as efficient RVP of Region 15. Both will be assets.

Scientific Committee Chairman Julius Wadekamper reported that Dr. Azad in Minnesota on a spray to repel borers, rabbits, deer and mice from chewing on plants. She is testing the organic product for iris borers at Julius' Borbeleta Gardens.

Your editor has had calls and letters from potential members and organizations attempting to reach AIS who are having difficulty finding out where to contact us. Please check your area's libraries to be sure that the AIS Secretary's and Membership Secretary's addresses (front of this issue) are on any appropriate list. Commercial garden owners can help, too, by listing these in their catalogs.

Jeane Stayer, the new Robins Chairman, is endeavoring to update records of the Robin program and revitalize its organization. Please contact her (address in front of this issue) if you are able to supply information.

The Washington Iris Club asked to express their thanks to the judges who served on the panel to judge the Horticulture Section of the show at the St. Louis national convention. Judges included Glenn Corlew, Perry Dyer, O. David Niswonger, Larry Harder, Gladys Young and David Sindt.

For hybridizers, I have been asked, second-hand, to publish the address for the International Horticultural Exhibition 1983 Munich. It is IGA, 83 Munchen GmbH, Gilmstr. 56, 8000 Munchen 70, Germany. The person to contact there is Martin Stangl. I have no further information, but those wishing details to enter the competition should write to Mr. Strangl.

ARNOLD SCHLIEFERT 1897 — 1981

Region 21 has lost Arnold Schliefert, who died March 17 in an Omaha hospital at the age of 84.

As newly weds, Arnold and Esther made their home on the farm where he was born and they have spent a lifetime farming this land. What started as a hobby became the Schliefert Iris Garden. After retiring from farming, Arnold turned his full attention to gardening. In addition, he found time to be active for the betterment of society in general. He was Treasurer of the Greater Omaha Iris Society for 20 years, was active in church offices, the school board and the elevator board and was appointed as an Honorary Judge in 1980 by the AIS Board.

Arnold developed 14 new iris varieties including the well-known ANGEL CHOIR which won many awards including the AIS Award of Merit.

He leaves his wife, Esther, with whom he shared faith, hard work, flowers, good food and visits with friends for 62 years. Also surviving is a daughter "Mickey" Anson.

(Information from Region 21 BULLETIN)

A CHATTY LETTER FROM "IRIS EN PROVENCE"

PIERRE ANFOSSO, FRANCE

Sent to and transplanted by Francesca Thoolen, CA, whom we thank for sharing it with us.

"... Planting chores over, I can now concentrate on correspondence with friends.

IRIS EN PROVENCE has developed extensively this year and it was necessary for the family to reorganize in order not to be overwhelmed. Being the first, in Europe, to present the most recent introductions we are gaining recognition.

Encouraging results in the seedlings which bloomed last spring: crosses of red bearded blue seedlings with Keppel's ACTRESS produced an interesting series of blue selfs, amoenas, neglectas with tangerine beards and particularly a red bearded FUJI'S MANTLE type. Intensive crosses were made involving (SNOWLIGHT x pink amoena seedlings) with yellow amoenas (type PINNACLE, but with modern form) and pink amoenas. But the most surprising of all was to see bloom from a cross involving blue x a red bearded blue amoena: a red bearded blue-mauve plicata. The form of the flower is not completely modern but also not old form (resembles MOD MODE) I hope to improve it, if it is fertile (no pollen on maiden bloom) with Keith [Keppel]'s plicatas, GENTLE RAIN and EMPHASIS for their form which I like very much and also because they do not have dominant yellow beards.

I also held over some SDBs from blue bearded yellow breeding, in particular a bicolor smoky yellow with dark blue beards.

Out of a cross from MARILYN HOLLOWAY, a spuria bicolor, light yellow and sky blue, the flower of which is as large as a TB!

In trials, under cold frame, to produce flowers in winter, encouraging results, especially with remontants from warm climates. in particular, AUTUMN ECHO whic bloomed from November to July, non-stop (3 to 4 stalks per 1 year rhizomes). All of the Louisianas bloomed in April and Spurias in April/May. I wrote to Lloyd Zurbrigg and to Raymond Smith to inform them of these results asking them advice for rebloomers from warm climates and ever-bloomers in order to continue the research, and purchased from them recent remontants.

We already have, here, many seedlings from AUTUMN ECHO and Keith's plicatas. Some should bloom this spring. I've asked L. Zurbrigg for a subscription to the Reblooming Iris Society and if you could obtain some information on these irises I would be very grateful.

The Parisian florists have enthusiastically received irises the last few years; TB's, Spurias and Louisianas. If I could successfully obtain continuous bloom during the fall and winter seasons I believe we could win them over completely. I am counting heavily on the Spurias and Louisianas (especially the type giganticoerulea). Decorators use them more and more in their arrangements and we have won several awards in shows.

We have had some trouble with the californicae seedlings from Orleans. During the garden move, these last few years, they were probably kept too long in pots and we lost some to mildew. The survivors are currently planted out and should bloom this spring.

We received, some time ago, the seed catalog you sent us. Thank you very much. But Pierre Jr. had to abandon the cultural trials in cold frame for the lupins because of the spiders he was not able to control. (They are too protected by the downy texture of the lupin leaves).

The membership of the French Iris Society under Madame Odette Perrier, President, is increasing. With our catalog, IRIS EN PROVENCE, we were able to find, this year, some 50 new members and we are working on next year's drive. I believe that more vocational hybridizers are coming into being in France and that perhaps soon we will be able to organize more shows. The larger cities are beginning to create iris gardens. The passive period in France is perhaps over and believe in great progress in the coming years. We, here, with the help of our overseas friends, are doing our best towards this goal. . . .^{*}

—dated 7 JAN. 1981

* The Pierre ANFOSSO family are the owners of IRIS EN PROVENCE and it is situated in southern France on the outskirts of the town of Hyeres. I met this family during the International Iris Congress in Orleans in 1978 and found them to be most enthusiastic and friendly. My only regret, that I was unable to visit their gardens while I passed through southern France at that time.

For Pierre Sr., like for many latter day irisarians, this is his second avocation. In a follow-up letter giving permission to translate, he mentions: ". . . It is only fortuitously that I came to cultivate irises professionally . . . for myself, I have been a painter for 30 years having had exhibits in New York, Washington, Los Angeles, Montreal and Caracas organized by the Galerie de Madison Avenue . . . consequently several hundreds of my canvases are in American collections and foundations. I am now less active in my artistic endeavors with the increasing interest in irises . . ."



FIRST ANNUAL POLLEN DAUBERS SEMINAR HELD

Dr. William E. Jones, OK

On February 27-28, 1981, the First Annual Pollen Daubers Seminar was held by the Sooner State Iris Society in Oklahoma City. This new program was designed to make expert hybridizing information available to both experienced and novice hybridizers. The number of hybridizers in Region 22 has mushroomed in recent years, and it was felt this service would be appreciated.

The guest expert at this program was Mrs. Jim (Melba) Hamblen, of Roy, Utah. This was felt to be a good choice, since Mrs. Hamblen has been a real friend to the Oklahoma societies in past years. The weekend began with a Friday night covered dish luncheon hosted by the Oklahoma Iris Society, followed by a meeting of the SSIS, with about 75 present. Following the regular meeting, Melba Hamblen showed slides regarding hybridizing in Region 22 in recent years. Additional slides were provided by Larry Harder of Ponca, Nebraska.

On Saturday the 28th, an all-day session was held. Thirty-five hybridizers paid the \$20.00 fee to attend. In addition to the expert information from our guest hybridizer, a panel of Region 22 hybridizers made comments.

Plans will soon be underway for the Second Annual Pollen Daubers Seminar, February 26-27, 1982, in Oklahoma City. An ad with more details will appear in the AIS Bulletin later this year.

IRIS SLIDES FOR RENTAL

AIS maintains excellent sets of iris slides that may be rented. Each set has about 100 slides, 35mm size. Ideal as a program for iris or garden club meetings, they are a fine way to study and enjoy new and old irises or see rare, exotic and unusual species. To order, see details at end of list.

SLIDE SETS AVAILABLE

IRISES FOR EVERY GARDEN—Nice for garden clubs, this set includes an assortment of both bearded and beardless, the 25 leading TBs from the Popularity Poll and sketches for planning garden settings.

IRIS THROUGH THE SEASONS—Follows the iris around the calendar, in house and garden.

MANY TYPES AND COLORS OF IRISES—Bearded, bulbous, beardless in their great variety.

BEARLESS AND BULBOUS—Species and cultivars other than bearded: Bulbous, Junos, Crested, Spurias, Siberians, Louisianas, Western Natives and Japanese.

JAPANESE IRISES—Slides of exotic beauties contributed by Adolph J. Vogt.

LOUISIANA IRISES—Based on contributions from C. W. Arny, Jr. and Mary Dunn, it includes species, arrangements, and the development of Louisiana irises.

SIBERIANS AND SPURIAS—Both species and cultivars of these beardless.

THE WILD ONES—Iris species from around the world.

THE OTHER BEARDED IRISES—Other than tall bearded: Dwarfs, Medians, Arils, Arilbreds.

DWARF IRISES—Old and new miniature and standard dwarf bearded irises.

THE MEDIANS—Standard dwarf bearded, intermediate bearded, miniature tall bearded and border bearded irises.

ARILS AND ARILBREDS—Survey of aril and arilbred species and cultivars.

DYKES: GENUS IRIS AND DYKES MEDAL WINNERS—Slides from the color plates of W. R. Dykes' *The Genus Iris*; sampling of English, French and early American Dykes Medal winners; all American winners since 1939.

THE POPULARITY POLL—The 100 favorite tall bearded irises presented in the order chosen by AIS members.

THE NEW RELIABLES—Popular, less expensive, bearded irises that have stood the test of widespread distribution; garden scenes.

RECENT AWARD WINNERS—Tall Bearded Award of Merit and Honorable Mention winners selected by judges in the past three years.

THE NEWEST IN IRISES—Recent introductions; most slides made by the hybridizers in the irises' home gardens.

THE DESCENDANTS OF PAUL COOK'S FAMOUS PROGENITOR—A new set delineating progress in bicolor and amoena breeding; with commentary and a genealogical chart.

THE MARK OF QUALITY—Slides of fine irises, selected as above average photographs.

MICHIGAN CONVENTION 1976

SAN JOSE CONVENTION 1978

HUNTSVILLE CONVENTION 1979

TULSA CONVENTION 1980

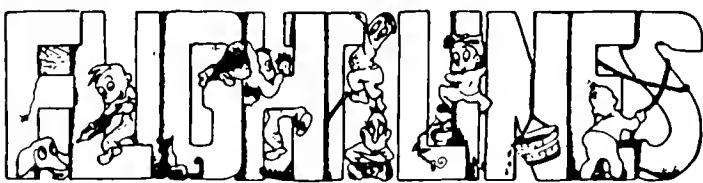
ST. LOUIS CONVENTION 1981

FLOWER ARRANGEMENTS FEATURING IRISES—Sets of slides with iris arrangements.

IRISES IN THE VISUAL ARTS—European, Oriental and American paintings, arts and crafts that includes irises.

TO ORDER: Requests for slides should be made well in advance for proper scheduling, preferably 30 days or longer. State the exact date desired, so that the slides can be sent insured airmail, and include a second choice date, if possible. Some sets may be especially popular or booked well in advance, so give a second and third choice, if optional. Send your complete address, including zip code. Slides are to be returned insured airmail, the next day after use. A check for \$5.00 (for set of 100 slides), payable to the American Iris Society, must accompany each order, except for the one free program per year for each Affiliated Society.

Mail to: D. C. Nearpass, Slides Chairman, 9526 50th Place, College Park, Maryland 20740



Sam Reece

1843 E. Brown Ave
Fresno, CA 93703

Excerpts from AIS Round Robins. To join a robin contact the Robin Chairman listing in the front of this issue.

Story of Robins

Ray Scholtz, Medina, OH

The AMERICAN DAFFODIL JOURNAL contained the following article: 'Why in the ever-lovin' blue-eyed world call an exchange of letters a "round robin"? The letters do travel a circular route, so "round" has some sense to it, but "robin"? A reference to air mail? No, the answer predates air mail by several hundred years; to avoid the harsh punishment customarily meted out by ships' captains for even the mildest dissension, French sailors took to writing down their grievances and signing their names to them in the form of a circle, so the captain couldn't tell who signed first—who might be singled out as ringleader. The circular group of signatures was called a "ruban rond"—in English, "round ribbon". English sailors soon picked up the practice, calling it in mixed French and English, "round ruban", which quickly became corrupted to "round robin". The device was adopted by landlubbers and became well known all during the 18th century in both England and her colonies. John Hancock was acclaimed a brave man indeed for NOT insisting on the round robin form in a famous instance where it might have been called . . . Richard Ezell, Chambersburg, Pa.'

Genetics

D. C. Nearpass; College Park, MD: From my own results, I have inferred that the PROGENITOR factor (I_S), the tangerine factor (t), and the plicata factor (pl)—all 3 color factors—either assort independently, or that no close linkages are involved. Of course, I did not grow the thousands of seedlings necessary, and keep the accurate records required for the scientific test. I estimated that the odds were approximately 1/72 to get one I_S , $tttt$, $plplplpl$ from the backcross. From perhaps 1100 seeds, I saw only one to bloom, but that year's crop was interrupted by a forced move. Subsequent generations have given many more, including PINK PICOTEE and ROSE TATTO.

The early pinks were reported as being linked to small size and short stature. It seems to me also that there may also be some linkage of pinks and yellows to some undesirable odors, or fragrance.

Back to linkage, I've just been thinking about a seedling that I have. It comes from CAPTAIN'S LADY, a tangerine-bearded plicata \times *Aphylla Hungary*, a dark blue-purple registered clone, probably a selection from plants collected in Hungary. None of the seedlings from the first cross were plicatas, so the results from the one selected seedling that I'll next mention cannot easily be due to *Aphylla Hungary* being a carrier of recessive. I saved the best of the CAPTAIN'S LADY \times *Aphylla Hungary* cross. It is 12-15" high, blue purple self. Few things are or have been blooming at the same time that it is in full bloom, certainly no 48-chromosome plicatas, until its progeny started to bloom. It set seed naturally and prolifically. What is surprising is that from these naturally set seed, about $\frac{1}{4}$ to $\frac{1}{3}$ have been plicatas. These are even more than to be expected from $PlPlplpl \times PlPlplpl$ from selective pairing, which is estimated at 15:1 (Garden Irises, p. 338). Perhaps this seedling should be grown in complete isolation, so that all seed would be known to be selfed seed. The beards of all have a lot of blue in them, so that it is next to impossible for me to decide if any of the seedlings have the recessive tangerine beard.

I bought the iris EMMA COOK the year it was introduced, and had some correspondence with Paul Cook concerning the "EMMA COOK pattern." I believe that the factor to take the blue or violet out of the center of the falls occurs within the tall bearded complex, and did not come up from the dwarf parent of PROGENITOR. A few varieties may be around that have the factors, but do not have the standards inhibitor. SHOWER OF STARS is one of them, and I think the iris

IRENE NELSON may be another. One of the problems in the tangerine-bearded "EMMA COOK patterned" flowers is to get enough depth of color in the band. See page 12 of the January 1980 *A.I.S. Bulletin*: "The EMMA COOK done in flamingo pink—it does not cause people to even pause and look . . ."

Culture

David Durnford; Missoula, MT: Regarding Roundup: I know several persons who have used it with success, bindweed included. Most have used it from these small portable spray bottles. This gives a very controlled spray and have used it on Campulate, bindweed, thistle and knapweed. I think it depends on what weed you're trying to rid and how carefully you apply it.

John Boylan; Cambridge Springs, PA: We have used Roundup for the last two years. We use it on the areas where we have rototilled soy beans for green manure. After applying the Roundup, we wait a week or so and then set in our plants. This has worked very well for weed control—we still have most of our gallon left.

George Couture; Nunda, NY: I have a lot of leaf spot, but it can be controlled with spray which I never seem to get on the plants in time.

Donna Sylvester; Tonasket, WA: I have used Roundup for a couple of years in the spaces between the rows of iris, takes two or three applications a year though. I'm wondering if eventually if a person keeps using it, there won't be some bad side effects on plants nearby.

Alice Maynard; Royal Oak, MI: My iris were the best this year that they have been since Scope went off the market. The Hooker formula really worked. However, I had one bad experience. I have a bad habit of holding the anthers between my lips when I plan on pollinating several plants in the garden. This time I had applied a systemic to the plants a few days prior to the opening of the blooms that were to be pollinated. I wouldn't want to try this again. Before I was finished, I wondered where and how I got that sore, burning throat, for the systemic does go all through the plant and every part of it is poisonous. That sore throat lasted until the next morning, though I realized the trouble in just a few minutes, in the time it takes to put pollen of **HIGH TEA** on **BRIDE'S HALO**, and vice versa.

Berniece Larson; Paton, IA: We had been putting the wood ashes from the fireplace on the vegetable garden in the past, but since reading in the *Bulletin* that it's great for iris (better size and color of bloom) we've been spreading the ashes between the rows of iris. It will be interesting to see the results. We rarely have an iris rebloom in Iowa. In all my years of growing iris, I think twice is all. We cover the one and two year old iris plants, but from this point they're on their own; really like to have snow cover when it gets severely cold. Most of our nights are below zero. 20 below is about the coldest it gets here, though it has dropped a few degrees more than that. I like to order iris from the colder regions. I feel if it grows for them, it might have a chance here in Iowa.

Mrs. Harry Spence; McPherson, KN: I am sure rich soil is the largest cause of soft rot and have never had more than one or two at any time until this year. In my new beds of '79s, there were six or seven with rot (all one year plants and all had bloomed). The soil was all compost with some peat and gypsum and commercial fertilizer. They all grew like crazy and are beautiful plants, so the too-rich soil is the only reason I can give for the rot.

Lora Erickson, Sebastopol, CA: I can attest to the information from Keith Keppel about wounds to the plant also contributing to rot. Sometimes my husband—my favorite weeder—gets carried away with his little hand cultivar and nicks the rhizome. BINGO . . . rot. I believe, also, that the untimely removal of a leaf from a fan (one can be too clean in the garden) will, if other conditions are right, produce rot.

Loss of Pacific Coast Natives is common in climates somewhat unfriendly to them. We do have members, though, who are successfully growing them in less than ideal climates. Three of those which appeared in the Tulsa show were grown by Dorothy Huisak in Tulsa. These people mainly grow them from seed . . . It is my opinion that they can stand winter cold if mulched. It seems to be something, some condition, which causes their demise the first spring. Hopefully, some bright and inquisitive soul will ferret out the answer.

Tall Bearded

Diana Werner; Pascack, NJ: Don't worry about growing older varieties of iris. They are more reliable than the newer ones. I have never grown iris for status, just the ones I like and enjoy and which

perform well. I have been growing them for 35 years and still have some from 25 to 30 years ago that go on and on, while the newer ones fade away. I wonder about **MYSTIQUE**. I planted it two years ago, had no bloom last year, and precious little increase. It didn't look too promising for this year before the snow covered it. Since it is the current BIG iris it might be interesting to keep an eye on it.

Edla Ogburn; Smithfield, NC: Last summer I saw **HEY LOOKIE** in a local garden and ordered it along with several others and hope to have it bloom next spring. It is a blotched blue that I had never seen. For a wonder, I did not have a single one of the 1980 iris purchases to rot; I usually lose some. I lost very few from rot last summer; guess it was because we had a very dry summer. Rot usually takes its toll when the weather is hot and wet . . . **BUFFY** grows and blooms very well for me. **NEW MOON** does poorly here, but it is beautiful when it does bloom. **PEARL CHIFFON** is a very beautiful flower which everyone should have and it grows well for me. **ERMINE ROBE** is a good parent for breeding. Some good breeding offspring will usually come from it, and they may not all be white.

Paul Smith; Pleasant Grove, UT: There are many good hybridizers and lovely gardens in Utah. Perhaps the best known is Melba Hamblen of Roy.

We go up each year as she grows many of the recent introductions, many to sell, and many guests. . . . a few we especially liked were **PHOENIX**, **TEMPLE GOLD**, **LOVE CHILD**, **RAIN CLOUD**, **WORLD NEWS**, **PEACH TREE**, **MEMPHIS DELIGHT**, **GENESIS**, **CREME DE CREME**, **CHANTEUSE**, **FRESNO CALYPSO** and **MARMALADE**. Three new things that will be introduced in 1981 that I liked were Melba's **ORANGE STAR** (a lacy orange), **CORAL SATIN** (exquisite pink) and **CASBAH** from Keith Keppel. Melba must have liked **CASBAH** also, for she had made crosses on every bloom. **BRIDE'S LACE** is a lovely formed lacy white with a somewhat subdued red beard. **CHRISTMAS RUBIES** is another good white. I don't like the form quite as well as **BRIDE'S LACE**, but the bright red beard would sell me by itself. Dr. Julander gave me a rhizome of his **SHOW SNOW** which is an excellent white with a white beard. I bloomed **VICTORIA FALLS** this year and found it to be just like the catalog picture except the falls had a better flare and it did not tuck under like Schreiner's picture seems. Had good increase but it was too tall and the only one I had which fell over. I liked the flower, though.

Promotion of Iris

Margaret Dean; Las Cruces, NM: We think one reason our club does so well is that the town is just about the right size (50,000) to get around, so we can all keep in close touch and get to the meetings without a long drive. Weather never closes the streets here, since rain or snow is rare. Now that we have three public gardens (one at the retirement village, one at the library, and one at the university), we expect more people to join after seeing these gardens bloom. I think to make a club grow you have to advertise it, offer interesting and informative programs and have a comfortable meeting place. We also get the local paper to run plenty of publicity during bloom time, open our gardens, and above all, stress the show. The PBS station at the university (New Mexico State) had a talk show, so we get some members on that; the radio stations run public service announcements free, so we take advantage of these. (It is construed as "public service" because we state that our members are all present at the show to answer questions on iris growing to the many newcomers to the Sun Belt.) We work every angle we can think for publicity, and it sure pays off. We do the same for the annual rhizome sale but we actually begin work on the sale at the show by encouraging visitors to make lists of irises they like on a sheet of paper we furnish that just happens to list the sale date. And I almost forgot to mention the main thing that makes our club thrive—we all LIKE each other!

TOW PATH LANE GARDENS

1981 Introductions

DASH AWAY (Waite '81). SDB, 15" (38 cm), (Sky and Snow × Pamela Ann). Yellow amoena. Standards are white with trace of yellow in midribs. Falls are sulphur yellow (RHS 6B) with touch of white at tips and are slightly ruffled. White beards are tipped yellow. Good grower and increases well. Pattern and color make this different and outstanding in its class. Bud count could be improved.....	\$ 7.50
LORD JEFF (Waite '81). TB, 37" (94 cm), M-L, (Grand Alliance × Sterling Silver). Ruffled dark violet (RHS 83A) self. Dark violet beards are tipped yellow-brown. Sturdy stalks with 3 to 4 branches and 9 to 10 buds insure a long bloom season. Distinctive addition to this color class. Named for Lord Jeff of Amherst College.....	\$25.00
POPS CONCERT (Waite '81). TB, 37" (94 cm), M-L, (Grand Alliance × Sterling Silver). Sib to Lord Jeff. Very heavily ruffled dark violet (RHS 83A/B) self with flaring falls. Matching dark violet beards. Heavy stalks with 3 to 4 branches, and 9 to 10 buds per stalk guarantee a lengthy period of bloom. The ruffling of this one has all the zest of a Pops Concert.....	\$25.00

Prices include shipping and handling.

KEN & AGNES WAITE

6 Tow Path Lane

Westfield, Mass. 01085



Youth Views

Maryann Anning

YOUTH ACHIEVEMENT

Congratulations to the marvelous young people who are really an asset to our AIS! All those who were nominated are really winners; gaining the respect of the adults who admire them locally as well as that of one very well known hybridizer in particular, (whose name we'll keep in suspense for the time being) who has offered a surprise package of irises to all those receiving a nomination. You will find out who this terrific and generous person is when that UPS truck stops at your door this summer! There are many more youth members out there who are just as deserving of *that* important nomination, all it takes is the time to write *that* letter when the next contest goes into effect. Start thinking about it NOW!

The AIS Board of Directors has approved unanimously the financing of a "Youth Newsletter." It will be issued spring and fall, with the first issue coming out this fall. The purpose is to expand communication beyond that of "YOUTH VIEWS" and will contain material submitted by youth members for youth members. So . . . if you can recall what you volunteered to contribute in the questionnaire, get your material to Maryann Anning by September 30, 1981 for consideration in the first fall issue. We need *all* your input if this is to become a worthwhile publication: articles, varietal comments, black and white photos, illustrations, puns, iris word games, etc. Send it in!!!!

AWARD WINNERS

DAVID WRIGHT

Top winner in the Youth Achievement Award Contest, 17 year old David Wright of Ukiah CA has been growing and showing iris for 10 years. He has exhibited in both the horticultural and artistic sections and has won many blue ribbons and Best of Sections. David is a real asset to the Redwood Iris Society in Ukiah. Besides exhibiting, he assists in setting up and cleaning up the shows and has even taken charge of the Youth Division the last few years. After the show, David takes large containers of iris stalks to convalescent hospitals where they are distributed to the patients. He has also given programs on irises at the hospitals as well as his landscaping class at school.

In addition to exhibiting at the local shows, David also enters stalks and arrangements at the Redwood Empire and Mendocino County Fairs. At 14, he received the National Horticulture Award (Junior Division) for his entry on iris cultures; it included pictures and a written report.

David has begun a hybridizing program this past year and is interested in starting judges training in the next few years.

Our first place winner is a very busy young man, who, in addition to maintaining his iris garden of over forty varieties, growing and showing, giving programs and being a real asset to the Redwood Iris Society, works after school.



David Wright, left, and Mark Hewitt, right.

BONNIE ELLIS

Bonnie Ellis is a sixteen year old junior at Edmond Memorial High School in Edmond, OK whose efforts have rewarded her with second place in the Youth Achievement Award contest.

Bonnie has her own iris garden, cares for it and contributes her own rhizomes to the Edmond Iris Club annual sale. She has shown iris in both horticultural and arrangement divisions since 1976 and has helped in the preparation of various shows. She also provided and served refreshments.

She enjoys participation in local club meeting and activities whenever there is no conflict with schoolwork. She helped prepare beds and plant irises at the Edmond Hospital as well as the local mid-high school. In her own garden, she has a special area for iris seed.

For the Edmond Iris Club sale, she helps dig, label and price rhizomes, and has served as cashier. One person reported that Bonnie was the main person she remembered for her smile and helpfulness during the sale.

For the 1980 Tulsa Convention, Bonnie took and marked slides, and helped make cookies for the gardens with her club. She has shown the slides at 4-H meetings and other flower clubs in Edmond, including the Edmond Iris Club. She helped with a flower arrangement workshop in 4-H in which she furnished the iris for the corsages and arrangements. At the 4-H spring fairs, she makes an iris arrangement for her project and wins blue ribbons.

In addition to all her iris activities, Bonnie is a member of the Honor Society at Edmond Memorial High School and enjoys horses; she is training a quarter horse filly by herself. She also does vegetable gardening, swimming and fishing, and writing to pen-pals in other countries.

JIMMY COPELAND

Tied for third place, is Mattawan, Michigan's Jimmy Copeland. A 15 year old sophomore honor student, Jimmy's enthusiasm for all phases of iris culture is boundless. Not only does he grow irises well, his keen interest in hybridizing affords awareness and understanding of genetic aspects as well as anticipation of results of his efforts.

Jimmy has been an AIS youth member since July of 1976. His own personal garden was on display for the 1976 AIS National Convention.

He is currently growing approximately a hundred named varieties of TBs and Japanese irises as well as about 600 seedlings of both. He exhibits at all the local shows as well as some quite a distance away. He usually wins blue ribbons and at the 1980 Lansing show, won Best Seedling.

Jimmy is a pleasant person, always ready to serve—the fact that he helped with the show in St. Louis during the National Convention this year is a good illustration of this.

Besides all his iris activities, Jimmy enjoys hunting and fishing and is working toward Eagle Scout.

MARK HEWITT

Tied for third place, Mark Hewitt has the makings of a real iris grower. Only 13 years old, Mark Hewitt of Noble, OK has been growing iris for 3 years, and obviously does an excellent job! In the first local show that Mark entered, he was the only entrant; lacking competition, Mark signed up 5 new youth members, and has given them each a good start of irises. Mark has won Best Specimen in the Junior Division for 3 years plus the Sweepstakes last year. He also won the Sweepstakes in the Artistic Design. This year Mark has entered competition with the adults in the Sooner State Iris shows. In one show he won Queen of Show as well as 2nd and third runners-up.

Mark works hard in the local club, he helps with the up keep of the display garden at the city park. He also works with the clerks at the local shows and helped with the National Convention show in Tulsa last year. Mark attends every Regional meeting and local meeting with his parents.

The efforts of his hybridizing program have exhibited their first bloom this year.

Mark is a very energetic young man, he is also a Boy Scout and is in the school band, in addition to working after school with his parents.

Member Jim Fackert writes that Dover book company not only has a paperback version of Molly Price's *THE IRIS BOOK*, but also is republishing *THE GENUS IRIS* by William Dykes in cloth binding. For details, write to Dover Publications, Inc., 180 Varick St., New York, N.Y. 10016. Thanks, Jim.



Editor's Notebook

It's in the hands of the gods, the ancients used to say. Sometimes your Editor feels the same about publishing worries. The date you receive *BULLETIN* depends on the eccentricity of many "gods." The Editor ponders helplessly that this issue will probably run late, even without the expected unexpected whims of fate we normally encounter.

In defense of mortal contributors, staff and printers, we state that it REALLY takes about three months to complete each issue, and we have stayed within reasonable timeframes. Many late night—or all night—efforts go into preparation: plan, solicit and nag for material, edit copy, add printing specifications, arrange to get it typeset, proofread galleys, layout pages, order conversions and sizing of pictures, place and/or create art, order headline and caption typesettings, see that corrections were made, proofread page proofs and more. The final "blueline" proof is checked at the printer's office by the Managing Editor, to alert him to possible problems. Meanwhile, the Advertising Editor has gotten approval of color reproduction and checked all ad proofs.

Now three "gods" take over . . . organizations with machines and nameless laborers. Their power is impressive. The firm that provides our over 5,000 mailing labels operates a computer on a lofty Olympus. On another hilltop waits the printer's subcontracted envelope-stuffers and mailers. And then, with all else done, we are at the mercy of the postal deities, ranging from heroic machinery around the nation to every mailman involved.

Sometimes, all of the above fates cooperate. This issue, we are at the mercy of the rainbow goddess Iris, herself. Each year, her EPB (estimated peak bloom) controls the date of the national convention, traditional focus of the July issue. In colder climes, with a later EPB,

we extend part of the preparation well past deadline. This tradition may have to change.

Garden reviewers and photographers turn in their efforts raw while at the convention. Editing may take place airborne in transit; film is rushed to a cooperating friend with a lab. Secretary Carol Ramsey makes heroic efforts against the dragon of complex Board Meeting minutes which must be both accurate and speedy. We all try!

So . . . if you wonder why this reached you later than you expected, blame the fates!

OTHER THINGS

We get letters, and we love it! We want to hear from as many readers as possible in order to understand what *BULLETIN* needs to publish. And we love the fan mail. On the other hand, don't write to the Editor if your issue does not arrive that delays correcting the situation. **Send notice of missing issues to Secretary Carol Ramsey, 6518 Beachy Ave., Wichita, KS 67206.** There are so many possible reasons that may not relate to *BULLETIN*, that Carol is the only one able to really untangle such a problem, and the Editor does not handle mailing directly. **Also, changes of address can be arranged through Carol or through the Membership Secretary, Ron Mullin, Rt. 3, Pawnee, OK 74058.**

Recently, the Editor (a journalist and advertising woman by trade) was asked to write an article on irises for a national magazine. What could be a nicer assignment!? Sitting down with the rough draft, I realized that the article requested for amateur gardeners was becoming an exhortation to join AIS and an ode praising the organization. My revisions didn't change the tone much, and I await word as to its publishability.

I have reflected subsequently on efforts to let the world know just what AIS membership offers. There's an iris to delight any gardener or garden spot. There are publications such as our *BULLETIN* and *THE WORLD OF IRISES* through which to learn more about them. There are the Symposium poll (be sure to vote!) and Judges' Ballot that advise us on plants we should add to our gardens. There are conventions and meetings where we chat with kindred souls and see the latest blooming spectaculars. Isn't that enough to build enthusiasm that we can't wait to share?

Increased membership is an asset for AIS, financially and otherwise, and it may hinge on letting the world know what we have to offer. When your local club has a public show or sale, do you send press releases to the local newspapers well in advance (see Robby

Browne's article in the April 1981 BULLETIN, pp 33-34)? Circulate posters announcing the event? Call the press to request coverage of the event itself? Take photographs for use in promoting future events?

And, at the event, do you display a supply of AIS Membership pamphlets? (Contact Carol Ramsey, address above, for a supply.) Post a sign-up sheet for the names and addresses of persons who wish to be notified of future local iris events? Put up a sign to advertise the club's next public sale or show? There are people who WILL be interested.

The personal touch, however, is most like to garner new members and iris enthusiasts. Show friends and neighbors around your garden during bloom season. Share a rhizome at digging time. Speak to local schools and clubs who want an iris slide show. (If you don't have slides, AIS does, from our Slides Chairman D.C. Nearpass, 9526 50th Place, College Park, Maryland 20740.) At every opportunity, be friendly and have a membership form handy. The organization that benefits will be your own, AIS.



On behalf of Region 22, Ron Mullin (left) and Jeane Stayer (next) presented a check for \$1,000 to Philbrook Art Center for grounds work and in appreciation of cooperation that allowed the magnificent Philbrook gardens to serve as masterplanting for the 1980 AIS Convention. Accepting were Mrs. John Zink, Sr. (right), head of the Philbrook grounds committee and Ralph Bendel, head of grounds maintenance. The Sevres vase shown, belonging to AIS and presented some years ago by Madame Valery Giscard d'Estang, will be displayed in the Philbrook Museum.

AN INVITATION FOR GUEST IRISES

Carol Lankow, Washington

The King County Iris Society and the Pierce County Iris Society of the Puget Sound area will be hosting the 1984 American Iris Society Convention in Seattle. We will be inviting guest bearded irises in 1982, but we can accept plants this year, and encourage you to send beardless irises this year so that they may be seen on representative plants.

Experience leads us to believe that it often takes an extra year for irises to adapt to our climate, but once established, almost all types just love it here. Arils and many arilbreds don't care for our climate, but just about everything else does, and we should have enough variation in peak bloom season among our display gardens to allow you to see a wide selection of types.

We ask that you

1. Send 1 to 4 plants of each variety.
2. Send official guest irises to: Guest Iris Chairman, Mrs. George F. Lankow, 725-20th Avenue W., Kirkland, WA 98033.
3. Include the hybridizer's name, address, and phone number, name or seedling number of the variety, type of iris (Siberian, Louisiana, etc.), and year of introduction.
4. When seedlings under number are named before the convention, please notify the guest iris chairman before Nov. 1, 1983 so that labels may be changed.

A receipt will be mailed to all contributors. A growth report will be sent so that losses may be replaced. Contributors will be asked for instructions for disposition of plants after the convention. Failure to reply will be considered an order to destroy the stock. Guest plants will be returned at the contributor's expense.

The convention committee and guest iris chairman can take no responsibility for loss of plants that fail to grow, but we will take every precaution to protect contributors' guests.

CONTRIBUTIONS TO THE AMERICAN IRIS SOCIETY FOUNDATION

October 22, 1980 to March 25, 1981

CONTRIBUTIONS IN MEMORY OF:

Mr. Z. G. Benson (TX)

Mr. and Mrs. James R. Hamblen
(UT)

Lillian Bierman (NB)

Anne and Gene Gaddie

James Lee Chism (MO)

Dave and Marie Niswonger (MO)
Mr. and Mrs. Elvan Roderick
(MO)

Mrs. Minnie Cosgrove (CA)

Mr. and Mrs. James R. Hamblen
(UT)

Frank L. Crouch (CA)

Mt. Diablo Iris Society (CA)
Sacramento Iris Society (CA)

Orville W. Fay (PA)

Mr. and Mrs. James R. Hamblen
(UT)
Northern Illinois Iris Society

Granvil B. Gable (WI)

Region 8, AIS

Glen F. Hanson (MN)

Mr. and Mrs. Arthur Blodgett (WI)

Iris Society of Dallas (TX)

Ron Mullin (OK)

Carol and Richard Ramsey (KS)

Ellene Rockwell (TX)

David B. Sintt (IL)

Wilbert G. and Charlotte Sintt

(MN)

Mr. and Mrs. Leon Wolford (TX)

Mrs. O. Currier McEwen (ME)

Mr. and Mrs. James R. Hamblen
(UT)

Dr. and Mrs. John Harvey, Jr.
(DE)

Dr. William G. McGarvey (NY)

Mr. and Mrs. Leon C. Wolford
(TX)

Mrs. William G. McGarvey (NY)

Mr. and Mrs. James R. Hamblen
(UT)

C. Robert Minnick (MO)

Bennett C. Jones (OR)
Marie and Dave Niswonger (MO)

Mrs. C. H. Moores, Sr. (TX)

Gloria Blackmon (TX)

Rudolph Fuchs (TX)

Bennett C. Jones (OR)

Mr. and Mrs. C. C. Rockwell, Jr.
(TX)

Leon and Edith Wolford (TX)

Mrs. Walter E. Noyd (Luella) (CA)

Mr. and Mrs. James R. Hamblen
(UT)

Sidney B. Mitchell Iris Society
(CA)

Victor A. Quesnel (MO)

Flora Garden Club (MO)

Mr. and Mrs. Elvan Roderick
(MO)

Dr. L. F. Randolph (NY)

Mr. and Mrs. James R. Hamblen
(UT)

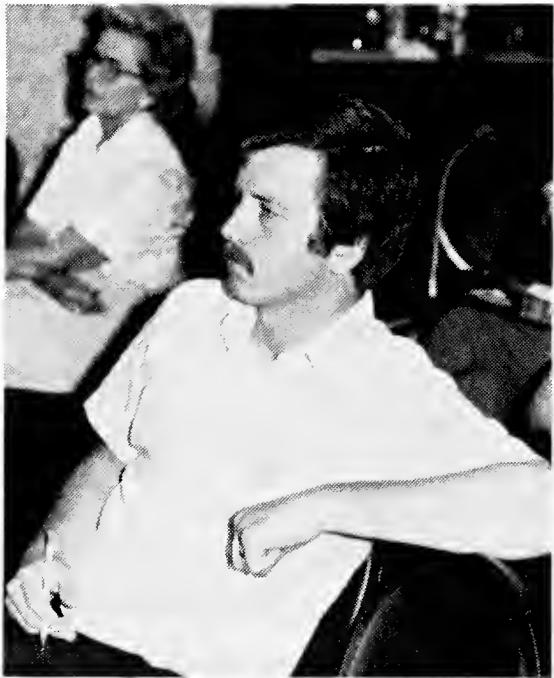
Judge Guy Rogers (TX)
Mr. and Mrs. James R. Hamblen
(UT)
Iris Society of Dallas (TX)
Ellene Rockwell (TX)
Mr. and Mrs. Leon C. Wolford
(TX)

Wilma Vallette (ID)
Family of Wilma Vallette (ID)
Carol Ramsey (KS)

Mrs. Earl Yunker (WI)
Region 8, AIS
Mrs. Peter J. Baukus (WI)
Mr. and Mrs. Arthur G. Blodgett
(WI)
Wisconsin Iris Society
**CONTRIBUTIONS IN
HONOR OF:**
Carol Ramsey (KS)
Mrs. William H. McKinley (NM)

Meeting Scenes

Photographers snapped AISers attending convention meetings. Among those seen were the nominees for the Board of Directors (right) Phil Williams, (below) Janice Chesnick and Dick Pettijohn.



BEAUTIES IN A BOX

Elsiema Nicholson

How about an English Box section in your next iris show? No, I am not suggesting placing a shrub, boxwood, with our favorite flower!

These display devices are so named because of the British Horticulture Society's standard for showing the individual flower, minus stem and foliage, and offers a method for emphasizing the beauty of the bloom. Another advantage of such a section is that early, late, or new cultivars can be shown that for some reason would not have been suitable as specimen stalk entries.

Primarily these exhibits are intended to be educational, but what an opportunity to also try different artistic combinations of color and pattern—bicolors with the two self colors, pastels, bright with dark, plicatas with the ground and pattern colors, etc.

Methods of display (the schedule will determine this) can challenge the imagination—square boxes, oblongs, triangualrs, etc. with green styrofoam, black paper, etc., 5 or 6 blooms per box is probably a manageable number. The blooms are displayed in florists picks, paper cups, glass jars, or whatever, to provide a water source and support to hold the flower upright. The petals should not touch the box, and, of course, each bloom must be labeled.

The boxes should be viewed at a height that shows the silhouette of the flower, as well as offers an opportunity of looking into the heart of the bloom. The stems should be cut at a proper length so that one sees the flower only. Buds may be under the blossoms for they sometimes help to keep the stems erect.

The AIS Board of Directors has voted that the purple rosette may be offered in the English Box section of an iris show, and that ribbon points won by "box" exhibits will be counted toward the silver and bronze medals.

So let's create some "Beauty Boxes" for our shows next season.



The photos on p. 31, upper right and lower left, in the April 1981 BULLETIN should have been credited to Leland Welsh, one of our best photographers. Sorry, Lee!

AIS MEMBERSHIP RATES

Annual	\$ 9.50	Sustaining	\$ 20.00
Triennial	23.75	Research.....	47.50
Family	11.50	Life	190.00
Family Triennial	28.50	Family Life	237.50
Youth member, with others of family as members		2.00	
Youth member, with no others of family as members ...		3.25	

SECTION MEMBERSHIP RATES

	single	single	family	family
	annual	triennial	annual	triennial
Median Iris Society	2.50	6.25	2.75	7.50
Society for Siberian Irises	2.50	6.50	3.00	7.50
Spuria Iris Society	2.50	6.00	3.00	7.00
Society for Japanese Irises	2.00	5.00	2.50	6.00
Reblooming Iris Society	3.00	7.50	4.00	10.00
Society for Pacific Coast				
Native Iris	4.00	10.00	5.00	12.00
Species Iris Group of				
North America	3.00	9.00	6.00	18.00
Louisiana Iris Society of America ..	2.00	5.00	2.00	5.00
Dwarf Iris Society	2.00	6.00	3.00	9.00
Membership in AIS Sections is open to all AIS members. Payment may be made directly to the Section, or may be made payable to the American Iris Society and sent to AIS Membership Secretary, Ronald Mullin, Route 3, Pawnee, OK 74058.				
Note: Section memberships and AIS memberships must have the same expiration date.				

"Schultz-Instant" **Fertilizer**

EASY TO USE

"Just add $\frac{1}{4}$ tsp. per gal. in the water.
Everytime you water, Everything you grow."

Ultra Pure, Concentrated, 20-30-20, Soluble, All Purpose, "Starts & Feeds Formula." Sizes for Gardens, Vegetables, Flowers, Roses, Shrubs, Trees, Lawns, Greenhouses, Nurseries. 3 Sizes.

Available at your store or send \$2.50 for 1 lb., Small Garden Size, \$9.95 for 5 lb. Lawn & Garden Size, \$33.00 for 25 lb. Estate Size (includes mailing). By the makers of "Plant Shine."



SCHULTZ CO.—St. Louis, MO 63043

SEND FOR OUR FUND RAISING OFFER

CONTRIBUTIONS

Contributions in memory of the deceased or honoring outstanding irisarians, as well as bequests, are gratefully accepted by both The American Iris Society and The American Iris Society Foundation and acknowledged in this publication. The two organizations, however, are distinct, and contributions should be mailed to the appropriate secretary.

* * * * *

Contributions to the general operating funds or for specific purposes, with checks written payable to The American Iris Society, should be mailed to—Mrs. R.V. Ramsey, 6518 Beachy Ave., Wichita, KS 67206.

The response of many individuals, clubs, committees and regions to recent AIS budgetary problems postponed the necessity of considering an increase in membership dues during the last several meetings of the Directors. Generous contributions from these many sources and the continuation of such excellent response offer hope to our non-profit organization as it struggles with inflation.

* * * * *

Contributions made payable to The American Iris Society Foundation should be mailed to the Foundation Liason Chairman listed in the front of this issue.

Funds received by the AIS Foundation are used for research and scientific projects dealing with iris diseases and more, as well as promotional and educational activities. Special projects of many natures have been underwritten by this non-profit organization. Donations are tax deductible.

PHOTO CREDITS BY PAGE

Maryann Anning: 23

William Barr: 8 lower L, 31 L and top R, 32 top R and lower L, 34

Janice Chesnick: 21 L, 22R, 27 R

Glenn Corlew: 10 L, 18 L, 84 top and lower L

Ann Dasch: 20 R, 27 top, 30 lower, 35, 37 top R, 85

Rosalie Figge: 10L, 22L, 30 top, 31 lower R, 32 lower R, 37 lower R, 68

Lilly Gartman: 24, 25, 36 top L, 37 L

Larry Harder: 18 R, 36 lower R, 80

Rabbit Hare: 73

Dick Krahn: 84 lower R

Bettie Osborne: 12 R, 16 R, 20 L, 32 top L, 33

Julius Wadekamper: 5, 8 R, 9, 14 top, 26, 27 L, 36 top R and lower R

GLENN F. HANSON 1914-1981

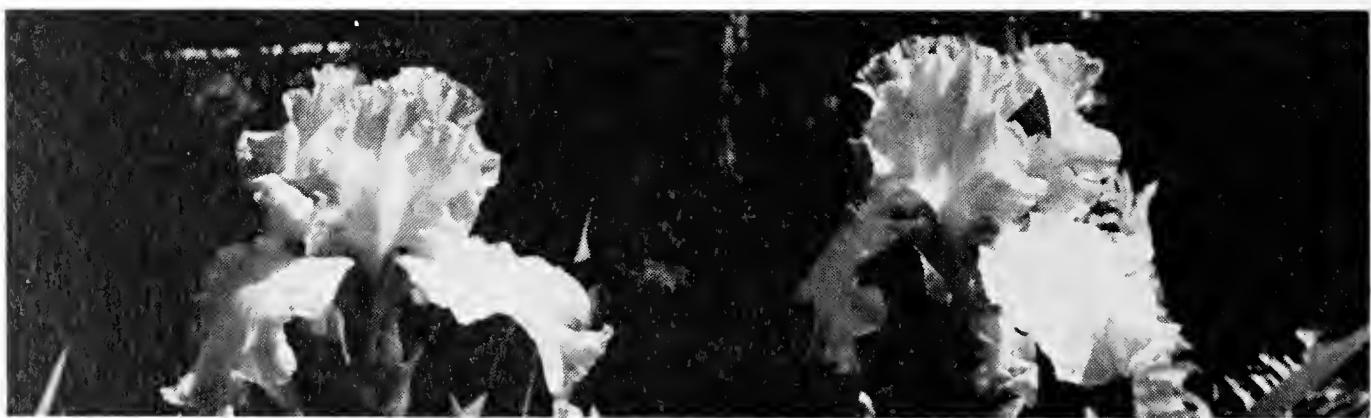
The Iris Society of Minnesota, Region 8 and AIS lost one of its most enthusiastic and knowledgeable supporters with the passing of Glenn F. Hanson on Friday Feb. 13, 1981. Glenn had been in ill health for a number of years and passed very peacefully at his home leaving his wife, Zula, two sons, Larry and John, and six grandchildren.

Glenn was President of the Iris Society of Minnesota 1962-1963, Regional Vice President of Region 8 1965-1967, member of the Board of Directors of AIS 1970-1976. He was an Honorary Judge of AIS and was awarded its Distinguished Service Medal in 1976.

Along with his wife, Zula, Glenn has operated Riverdale Iris Gardens consisting of one of the most extensive plantings of small irises available. Their business was worldwide. Glenn's sole introduction was AUF WIEDERSEHN, a TB but he did offer encouragement to other hybridizers and introduced many of their award-winning small irises.

Glenn Hanson was an authority on his specialty and shared his knowledge gladly with others. He wrote articles for many publications and was a much sought-after speaker for iris groups as well as garden clubs. His "The Beginners Column", originally published in the MIS "News and Views" was widely read and reprinted by other iris publications, including the AIS BULLETIN. Glenn's many friends will miss him.

Information supplied by W. G. Sindt.



Understanding PH

This basic explanation of PH appeared in the most recent issue of the AIS Region 3 NEWSLETTER, written by its editor.

O. M. (Morrie) Otte, PA

pH, THE MAGIC NUMBER:

I've often been asked to explain:

- (1) What is the meaning of a soil's pH number?
- (2) How is this soil pH number determined?
- (3) How do you interpret and use this pH number?

I recently saw this graph which may be helpful to iris growers who don't want a chemistry lecture. *Distilled water with a pH of 7.0 is considered neutral.* Therefore, distilled water (pH 7.0) is the worldwide reference standard for every pH determination on soil or any other material.

What the pH scale measures

Wheeling, West Virginia

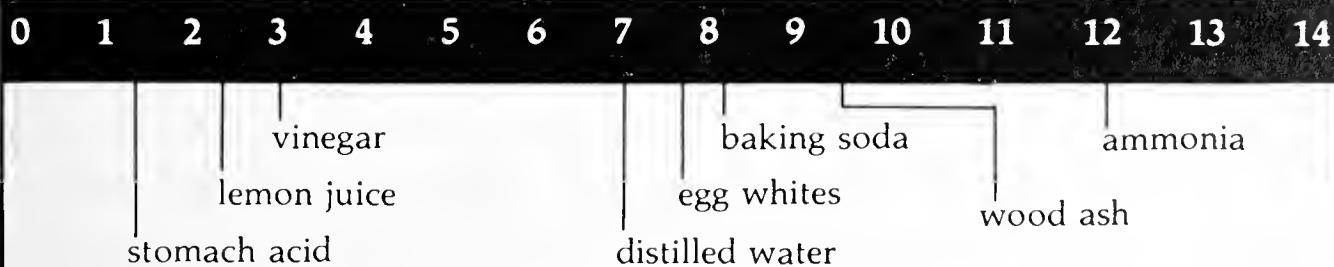
Jockeybush lake, Adirondacks—1979

Pasadena, California

Como Creek, Rocky Mountains

Jockeybush Lake, Adirondacks—1932

normal rain



The chemist's symbol for the degree of acidity of a solution is pH from the French *pouvoir hydrogen*, or hydrogen power. The definition is apt, for a solution's acidity depends on its concentration of electrically charged hydrogen ions. Scientists measure pH on a scale that increases logarithmically: Each whole number increment indicates a tenfold difference. Some everyday compounds are displayed along the bottom of the scale while bench marks of acid rain are shown along the top.

Soil pH is the numerical reference number representing the measure of a soil's acidity (all pH numbers lower than 7.0) or alkalinity (pH value exceeding 7.0) as determined by chemical tests.

Soil pH can be determined by an individual with a soil test kit using standardized chemical solutions and color reference charts. However, most people will submit a "soil test" according to directions provided in a "soil test kit" acquired from a local County Agricultural Agent. By either method, soil condition is best controlled by a series of pH soil tests that will reflect the gardener's step-by-step influences on his soil.

No real and proper soil control program is a simple one-shot "do it and forget it" procedure. Soil nutrients are like money in that you have to know how much you have—where it is—whether it's available or tied up, and like your money supply—whether it is increasing, remaining constant, or building up as a direct result of your expertise. Accurate pH measurements in this money simile would compare to an accurate audit of one account.

Each whole pH number is a *tenfold* change of hydrogen ions as the chart states. For example:

1. Vinegar at pH of 3.0 is *10,000 times* more *acidic* than distilled water (pH 7.0). (4 whole numbers apart on the chart, so you multiply 10 by itself four times)
2. Lemon juice is pH 2.2 or eight-tenths of a whole number less than vinegar at pH 3.0, so lemon juice is *eight times more acidic* than vinegar and *80,000 times* more acidic than distilled water.

In the other direction,

3. Ammonia at pH 12.0 is five whole numbers removed from distilled water at pH 7.0 (remember—10 times itself five times) or *100,000 times less acidic* than neutral distilled water.

Normally, anything determined to be less acidic than distilled water is simply called alkaline to avoid confusion.

Each addition of fertilizer, soil conditioner, limestone, etc. including herbicide treatments, sprays, dusts, or other gardening ingredients, may have a reactive influence or bear directly on the measured pH of a soil plot. In other words, *any* addition to the soil may reflect a combining or direct change in the pH.

The biggest problem that gardeners have in using the chemist's pH scale is that since the measured pH number differences are small—the gardener is misled to believe that the differences in his soil's condition and performance ability are equally small. It is my hope that this chart and the examples described will convince you—that nothing could be further from the facts.

Want to capitalize on the importance of pH? Get yourself a practical, time-efficient tool called a pH Computer which is so simple to use it is incredible. Made by Accutronics, this device (no batteries) yields *accurate* pH determinations (no chemicals) in *one minute* and should last a lifetime. It is available for \$19.95 from Parks, Mellingers, Burpees, and others. It is a real assist to the conscientious gardener.

* * * * *

OUR READERS & WRITERS WRITE

In response to Morrie Otte's article in the October 1980 *BULLETIN* (p. 46), Georjean McLaren of California wrote to him . . .

"I read your article on wood ash with interest and anticipation! However, you stated that the wood ash is approximately 9.5 pH and my soil is very alkaline to begin with. After sulphur applications, it is now pH 6.9.

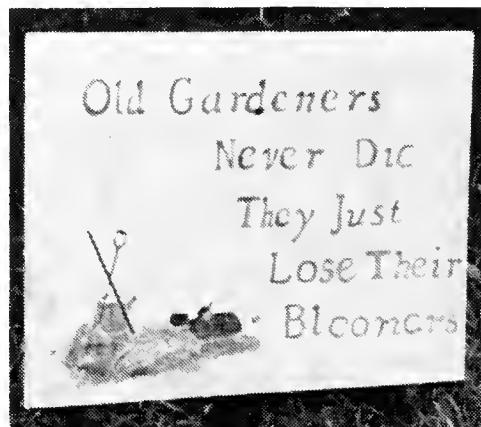
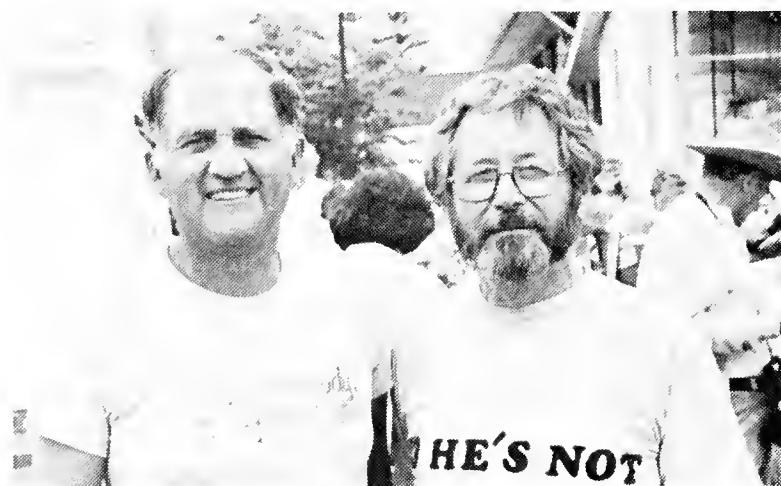
"I would very much like to begin a wood ash program on my iris beds, but I don't know how to go about it without throwing the pH off. Do you have any suggestions or guidelines? Can sulphur be applied or mixed directly with the ash?"

Morrie's reply may answer the question for other readers. He wrote . . .

"To balance soil pH I would recommend Aluminum Sulphate for lowering pH (to increase acidity) as an alternative to sulfur. To lower pH by one whole number you would use 15 pounds of Aluminum Sulfate per each 1,000 square feet of soil to be treated. For sandy soil use 10 pounds per 1,000 square feet, and if you have clay soil, you would use 17 pounds per 1,000 square feet for each pH number of reduction."

"Compost at 150-200 pounds per 1,000 square feet will also lower the pH by one whole number to condition your alkaline soil."

CONVENTIONAL HUMOR



Top left—to answer Joe Ghio's tee shirt "I'm Somebody Special," Sid DuBose wore "No, he's not."

Top right—garden sign.

Bottom left—David Sindt was determined to get the perfect photo angle and Deborah Warburton helped; the bus driver was not too happy about the mirror realignment.

Bottom right—Region 14ers on bus 12, named for the Editor's iris namesake, (left to right) Glenn Corlew, John Weiler, Editor, Joe Ghio, Maryann Anning.



The super-delightful-host award goes to 11-year-old Greg Roderick who, with his monkey puppet Herbie, entertained garden guests. Greg hopes to be a hybridizer like his dad when he is older; we don't know about Herbie's goals. . . .

OUR READERS WRITE

The following letter to the Editor was received from Dr. Cecil H. Wadleigh, 5621 Whitefield Chapel Road, Lanham, MD 20801, who asks for response from readers. The last part of his question was, we assume, more tongue-in-cheek than philosophical.

"The article in the latest issue of the *BULLETIN* entitled, "Can You Top This" (April 1981, p. 32), aroused my interest in raising a question.

"Mrs. Wadleigh is an amateur artist and has quite a collection of art books. A volume on the masterpieces in the Art History Museum of Vienna contains a reproduction of a painting (page 102) by Hugo van der Goes of Ghent, circa 1470. The title is "Original Sin." It shows Adam and Eve . . . in the Garden of Eden, with Eve standing under an apple tree and in back of a tall iris plant with a large blue flower. The flower happened to be at just the right height and sufficiently large so that van der Goes did not need to paint a fig leaf on Eve.

"Do any of our members know what species of iris was so painted and did the presence of the iris at that key point in Biblical history contribute to the original carnality of mankind?"

W. R. Dykes, *The Genus Iris*, original 1913 edition.

Mail auction, minimum bid \$600.00 postpaid.

Bids must be received before September 30, 1981.

First bid of \$1200.00 wins.

Winner will be notified by mail. Do not send money until so notified.

Write: David B. Sindt — Irises
1331 West Cornelia, Dept. D
Chicago, IL 60657

SAXTON IRIS GARDEN

1011 Cole Drive

Huntsville, AL 35802

1981 Introduction

SYNOPSIS—Sdlg. 78-20. TB, 35", M. Creamy pink ground plicata, marked pale red-violet, intensifying to garnet-sanded hafts and narrow line signal. Light orange beard. Wide, semi-flaring form with light ruffling. (Pink Ember × Smoke Rings).....\$25.00

Previous Introductions

LIFESTYLE '80	\$20.00	LIFTOFF '79	\$15.00
STRATEGY '79	\$15.00	HEART OF DIXIE '79	\$15.00

Free price list upon request—recent introductions

FELIX AND LA VONNE WEST WEST IRIS GARDEN State Inspected

707 Vega Lane

Lubbock, Texas 79403

CERTAINLY CERTAINLY (Barbara Benson '80). Sdlg. 71-1, TB, 30", M & RE. S. cinnamon, ruffled, closely held. F. white with $\frac{1}{4}$ " cinnamon border, ruffled, flared, deep gold reverse; gold beard. (Cayenne Capers × Memphis Lass). Fertile both ways. Certainly blooms in the spring, and certainly blooms in the fall (April/May, September/October); 20 bloom periods in ten years without a failure in the extreme heat, drought, wind and bitter cold of the high plains of west Texas have earned it a place in the garden.....\$25.00

*Order from this advertisement. Postage paid with special handling.
Texas residents please add 5% sales tax.*

SEAWAYS GARDENS
DR. CURRIER McEWEN

South Harpswell

Maine 04079

Siberian Iris Introductions — 1981

CREME CHANTILLY (74/92)—Diploid, 36", M-LM. Handsome 5" flowers of ruffled, flaring, round form open creamy white and are pure white by second day. Two branches plus terminal and 6 buds. Very fertile. Anniversary × 71/162(4): (Big Blue × unknown). Fall delivery only. \$25.00

DREAMING GREEN (T₁75/110(2))—Periclinal chimera, 28", M-L. A 5" white self with green lines in place of signal and with the white given a greenish cast by green on reverse of the round, flaring, starchy falls. One to 2 branches and 5-6 green buds. The greenest Siberian I know, which I trust will be the progenitor of green as Dreaming Yellow was of yellow. Reluctantly fertile with both diploids and tetraploids. Limeheart × Wing on Wing colchicine treated. Fall delivery only. \$ 30.00

LAVENDER BOUNTY (76/38(29))—Diploid, 36", VE-M. The lavender-pink (RHS 81C) flowers have lovely rich color and semi-flaring, ruffled form. Three branches plus terminal and 8 buds. One of the earliest and has extremely long period of bloom. Fertile. Augury × Lavender Light. Fall delivery only. \$25.00

PRAIRIE WARBLER (77/137Z)—Diploid of subseries Chrysographies (40 chromosomes), 36", L. Pale yellow with semi-flaring, slightly twisted falls. Extraordinary branching (3 plus terminal) and bud count (8) for subseries Chrysographies. Fertile. Tamberg S_TT_T14 × Berlin 'Tefo'. Fall delivery only. \$20.00

TEAL VELVET (T₁72/101(2))—Tetraploid, 34", VE-M. A 5" rich reddish purple self (RHS 86A) distinguished by its extremely early bloom and velvety texture. Only 2 buds but successive stalks give ample bloom. Fertile only with tetraploids. Ruffled Velvet × Tealwood colchicine treated. \$30.00

WELCOME RETURN (T₁72/131(10))—Tetraploid, 30", VE-M. The progenitor of our line of tetraploid preferential rebloomers. Semi-flaring, ruffled, 5" flowers of medium blue-violet. At rebloom it is well branched with 4-5 buds. Total bloom period of 5 weeks. Excellent parent for rebloomers. Sib to On and On × My Love colchicine treated. \$30.00

Japanese Iris Introductions — 1981

TRIPLE THREAT (T₃77/8(1))—Tetraploid, 42", E-L and reblooms. This 7" white single with greenish yellow signals is named for the sporting term meaning excelling in three areas, i.e., lovely flower, exceptional branching and reblooms. Flaring 3½" falls of starchy substance. Three branches plus terminal and 8 buds. Fertile with tetraploids. T₁75/48(6) × T₂75/3 (both from mixed seeds given in 1963 by Dr. Hirao and Mr. Arlie Payne and Garden Caprice). Fall delivery only. \$30.00

WHITE PARACHUTE (76/19(5))—Diploid, 30", M. Single 7" snow white flowers with 4" vertically arched, overlapping falls like a floating parachute. One branch plus terminal carry 3-4 buds on successive stalks. Fertile. 'Genji Botaru' × 71/30 (from mixed seeds given by Dr. Hirao). Fall delivery only. \$25.00

Write for information about these and previous introductions and daylilies.

GARDEN of the ENCHANTED RAINBOW

Introducing for 1981

ABIGAIL PROVIDES (B. Miller). TB, 36", M. Ruffled, opulent, crisp-textured, glowing raspberry orchid, with great presence. Three well-spaced branches and terminal with 8 buds. Lightly fragrant. Pale beard. Good increaser and vigorous. Sturdy, healthy plant. Fertile both ways. Amethyst Flame × Mulberry Wine. \$25.00

MARTHA OF BETHANY (B. Miller). TB, 36", E & RE (sometimes in late October). Medium-sized, pleasingly ruffled fuschia purple blossom, with graceful Hogarth-curved branching and multiple buds—2 to 3 per socket, up to 14. Four branches and terminal. Wonderful fragrance, identical to white locust. Very crisp, sturdy texture. Good increase. Vigorous plant. Fertile both ways. We consider this our top introduction to date and highly recommend it if you want an iris that you will love for a lifetime. Patience × Autumn Velvet. \$30.00

Send stamp for price list

Jordan A. and Bernice M. Miller

Route 4, Box 439B

Killen, Alabama 35645

INTRODUCTIONS FOR 1981

COZY CAROL—Sdlg. 74-74-2. TB, 32", M-L. Ruffled, nicely formed rose-pink standards are infused raspberry at base of midribs. Ruffled, round, flaring falls are medium red-violet, banded deeper color of the falls. Bright red beards. Stalks are reliably well branched, bearing 7 to 9 blooms. We think this variety is nicely different. Average increase. Fertile both ways. \$25.00

VELVET BLUSH—Sdlg. 74-102. TB, 32", M-L. A pastel beauty on the show bench. Smoothly textured, lovely formed, ruffled flowers, with white beards tipped coral-pink. Well-branched stalks bear 7 to 9 blooms. Average increase. Fertile both ways. EC '79. \$25.00

List of previous introductions will be sent on request.

MRS. GRANT D. KEGERISE

501 Penna. Ave.

Reading, PA 19605

"Schultz-Instant® LIQUID PLANT FOOD

EASY TO USE

"Just add 7 drops per qt. in the water
Everytime you water,
Everything you grow."



Ultra Pure, Concentrated, 10-15-10, Liquid, All Purpose, "Starts & Feeds Formula." Convenient for all indoor and outdoor uses. 3 sizes.

Available at your store or send \$1.50 for 5 1/2 oz, \$2.75 for 12 oz., \$4.00 for 28 oz. (includes mailing).

SCHULTZ CO.—St. Louis, MO 63043

Others Send Your Money Back?
Don't Save and Sulk—Send it to cacii

STAKER'S HEIGHT—'81. TB. (Southern Comfort X New Moon). Large ruffled light yellow with tangerine-tipped beard. It is said, "It's Too-too! Too tall, too big, and the color is innocuous." Won't always go that far! Planned to include a stake with each, but due to mail restrictions, you supply your own and I'll cut a buck and a half off the only low thing about this—the price. . . . \$13.50
GILLIGAN—'81. BB (Abstraction X Maynard). Maynard brown blend. Unmistakably Maynard's boy. It's like this: If you *really* didn't care that much for Maynard, you won't get \$15's worth from this one. So how about maybe \$10.00

Leftover 1980s'

RELUCTANT DRAGIN—SDB. Beautiful early pink. You had your chance at a bargain last year. Now \$22.00

AERIALIST—TB. Favorite lacy salmon-orange. Sold one. Still have one. \$15.00

COMPEER—TB. Best tangerine-bearded light blue-lav. Very thick petals and great form. Honest! \$15.00

TOULOUSE—IB. Nice pink and enough on hand to depress the market.

CAESURA—SDB. Messy growing light yellow over pink. I'd give this to hybridizers but they would be inappropriate to it. \$ 5.00

CLOSE ORDER FRILLS—TB. Super clump of rose to salmon with beards of cerise. Tulsa muckers grew tubs of this and returned them all. If I'm gonna line out any new things, you're gonna have to take these off my hands. . . . \$ 8.00

Send check, money order or chocolate to: C. A. Cromwell, II
2529 N.W. 28 Street Oklahoma City, OK 73107

1981 INTRODUCTIONS FROM FRED CRANDALL

MOONLIGHT BAY—TB, 30". Precisely ruffled cream self. Heavy substance. From long line of seedlings going back to Chantilly. Perfection in its class! \$20.00

COLORBRATION—TB, 38". S. deep yellow; F. dark purple. Large, clear and perfectly ruffled. This one is truly photogenic. \$25.00

JAM SESSION—TB, 38". S. clear yellow; F. completely netted red over yellow base. This tailored iris has real garden value. I've had up to 13 buds on one stock. Strong licorice fragrance. A nearly perfect iris. \$25.00

SOMBRE MOOD—TB, 38". Nearly black from the red side with heavy substance. Nicely ruffled and outstanding in its class. Velvety finish. From seedling lines going back to Black Swan. \$25.00

FAT CAT—TB, 36". A very fine wide and flaring dark violet. Fine performing plant that passes its usual width form along to its seedlings. My conscience will not bother me to list this one at \$25.00

3330 S. Morgan Street

Seattle, WA 98118

Commercial Directory

ALPENFLORA GARDENS

17985 - 40th AVE.
Surrey (Cloverdale) B.C. V3S 4N8

West Coast Natives and Hybrids. Many different species from the world over. Miniatures and Standard Dwarfs. All well established in 4" pots. Ready to ship and to plant any time. 20% off on U.S. currency. Quality plants - Quantity Discounts. Also, many hardy plants and perennials plus choice alpines, rockery plants, primroses.

List on request

ANDERSON IRIS GARDENS

22179 Keather Ave. N.
Forest Lake, Minn. 55025

400 varieties Northern grown TB irises at reasonable prices. Also 40 varieties of fine peonies.

List on request.

BALDWIN'S IRIS

Offering fine irises of recent introduction at attractive prices. Over 500 varieties.

TBs * BBs * SDBs
Descriptive catalog on request.
1306 Monroe Walla Walla, WA 99362

BAY VIEW GARDENS

Of Joseph J. Ghio
1201 Bay St., Santa Cruz, Calif. 95060

Send 50¢ for catalog listing. The finest in Median, Tall, Louisiana, Pacific, Siberian and Spuria irises.

BURGES IRIS GARDEN

1900 Fordham Drive
Denton, TX 76201
817-383-1946

Quality rhizomes of the newer tall bearded irises at reasonable prices.
List on request.

BROWN'S SUNNYHILL GARDENS

Opal L. Brown

"YOUR ASSURANCE OF QUALITY"
FEATURING THE FINEST OF
MODERN TALL BEARDED IRIS

Catalog on request
— No Color —

Route 3, Box 102
Milton-Freewater
Oregon 97862



Iris
Daylilies
Peonies
Perennials

BUSSE GARDEN CENTER

& NURSERY

635 E. 7th St.
COKATO, MINNESOTA 55321
"The Minnesota Perennial People"
Send \$1.00 for catalog
Credited on first order!

Lifetime Plastic Markers
Treated Wood Stakes
Agricultural Streptomycin
Terrachlor (and other chemicals)
Send stamp for price list

BUSSE GARDEN CENTER
635 E. 7 St., Cokato, MN 55321

C&A IRIS GARDENS

Growers of Quality Iris
REASONABLE PRICES
PRICE LIST ON REQUEST—
Wholesale and Retail
1320 Mary Street
Hanford, CA 93230

CAL DIXIE IRIS GARDENS

Offers Quality Iris at affordable prices. Over 1000 varieties of TBs, BBs, SDBs and remontants. Descriptive price list on request.

Herb and Sara Holk
14115 Pear St.
Riverside, CA 92504

CHARJOY GARDENS

Charles and Joyce
Arny, Jr.
117 Acacia Drive
Lafayette, La. 70508

Top Quality
Louisiana Irises

Catalog 15¢

CONTEMPORARY GARDENS

Perry Dyer
Box 534 Blanchard, OK 73010
The newest in TBs, medians and Louisianas,
featuring introductions of Perry Dyer,
Bob Raabe and Dr. W. E. Jones.
Catalogue on request

COOLEY'S GARDENS
301 S. James St.
P.O. Box 126
SILVERTON, OREGON 97381

Incomparable Iris catalog in color

FEATURING THE FINEST OF
TALL BEARDED IRISES
QUALITY RHIZOMES

Free with your first order of the season
and to our recent customers

Send \$2.00 for the catalog, then deduct
it from your first catalog order.

COOK'S GARDENS

6924 Pacific Hwy. E., Tacoma, WA 98424
1-206-922-7988

Featuring Siberians, Specie and
Pacific Coast Natives.
Introducing Cal-Sib Carrie Dawn
Catalog on Request

CORDON BLEU FARMS

TETRAPLOID DAYLILIES

Best of new and old IRIS

Tall Bearded

Spurias

Louisianas

418 Buena Creek Road
San Marcos, California 92069

Catalog \$1.00

The Cherry Lane Gardens of

GLENN F. CORLEW

2988 Cherry Lane
Walnut Creek, California 94596

featuring the introductions of

Glenn F. Corlew

and

Vernon Wood

Send 25¢ for catalog

COTTAGE GARDENS

22549 Center St., Hayward, CA 94541
Featuring the introductions of Bob Brown;
Virginia Messick, John Nelson, Don Denney,
Jim McWhirter

CATALOG ON REQUEST

A comprehensive collection of Tall
Bearded Iris

COTTONWOOD GARDEN

Route 2 Moville, IA 51039
Edna Moss

Our clean, highly organic farm soil
produces heavy, healthy rhizomes. Send
stamp for list of TBs and IBs. Reasonable
prices—finest quality!

D. and J. Gardens
1373 Coventry Road
Concord, CA 94518

Introductions of Joyce and Duane Meek
See our ad in the Spring Bulletin
No catalog. Write for prices of previous intros.

M. A. D. GARDEN
Bob and Mary Dunn introductions only
4828 Jella Way
North Highlands, CA 95660
See our ad in April Bulletin

HARDY NORTHERN BEARDED IRIS
1981 Color Catalog \$1.00
Featuring Introductions of:
Gordon W. Plough
Merle Daling
Ruby Short
Tall, Border,
Intermediate, Standard Dwarf
EDEN ROAD IRIS GARDEN
P.O. Box 117
Wenatchee, WA 98801

FOR PLEASURE IRIS GARDENS
Formerly Mount Clare Gardens
of Chicago
of
HENRY DANIELSON &
LUELLA STOPANI
P.O. Box 5416
El Paso, Texas 79954
ARILBRED IRIS
Since 1941
1981 introductions listed and
described in the April Bulletin
Catalog on Request

GIBSON IRIS GARDENS
146 South Villa
Porterville, CA 93257
Write for our 1981 catalog featuring current
introductions and our newest releases
listed in the April Bulletin.

IRIS LABELS

Mfg. by

TOM FOSTER
977 Meredith Court
Sonoma, CA 95476

A garden labeling method that is unobtrusive in the garden, durable, very legible and easy to use.

Send stamp for descriptive,
literature and price list.

4-SQUARE IRIS GARDENS

3237 Eisenhower St.
Eau Claire, WI 54701

1981 catalog available now
Featuring TB, IB, SDB, MDB and
Space Age Irises

Catalog 25¢
(Refundable on first order)

A. H. HAZZARD

510 Grand Pre Ave. Kalamazoo, Mich. 49007
Grower of
JAPANESE IRISES
Over 300 varieties. List on request.

HILDENBRANDT'S IRIS GARDENS

Star Route, Box 4, Lexington, NE 68850
Featuring introductions of Mrs. B. Wolff
Catalogue on request, listing 1100 varieties
of SDB, IB, BB, AB and TB Irises. Also
Oriental Poppies and Peonies

HILLVIEW GARDENS

Lilly Gartman
18461 Hillview Dr., Los Gatos, CA 95030
Choice selection of the latest
TBs and Medians
Free Catalog



ILLINI IRIS

D. STEVE VARNER
N. State St. Rd.
Monticello, IL 61856
Hybridizer and Grower

Tall Bearded,
Border Bearded and
Siberian Irises,
Tetraploid Hemerocallis

Price List on Request

LA CRESTA GARDENS

of

Maryann M. Anning
12864 Viscaino Road
Los Altos Hills, CA
94022



*Catalog
on Request*

COPY DEADLINES

January issue	Oct. 15
April issue	Jan. 15
July issue.....	Apr. 15
October issue.....	July 15

THE J — LOT GARDENS of Lottie Ogles

Tall Bearded irises of quality and vigor

REBLOOMING SPECIALISTS

More than one hundred varieties —
new and old

SPRING BLOOMING VARIETIES

Extensive listing of newer
introductions

Prices low — Quality high —
Satisfaction guaranteed

Send 30¢ stamp for list after March 1
Rt. #2, Box 444, Joshua, Texas 76058

KEITH KEPPEL

P.O. Box 8173

STOCKTON, CALIFORNIA 95208

Catalogue Featuring ...

1981 Introductions of

Joe Gatty

Keith Keppel

and the newest varieties of

tall bearded

medians

Available on Request to AIS Members

LAURIE'S GARDEN

(Lorena M. Reid)

41886 McKenzie Hwy
Springfield, Oregon 97477

Specializing in: CALIFORNICAE, JAP-ANESE and SIBERIAN Irises. Also grow many Cal-Sibes, Evansia, Laevigatae and other Beardless Species and Hybrids.

Descriptive price list
for stamp in May.

LOUISIANA NURSERY

Ken and Belle Durio

CHOICE LOUISIANA IRISES TETRAPLOID AND DIPLOID

OUR 31st YEAR
DESCRIPTIVE CATALOG
ON REQUEST

THIS LIST INCLUDES
MANY EXCITING
NEW DAYLILLIES

RT. 7, BOX 43
OPELOUSAS, LOUISIANA 70570

IRIS STATIONERY by TOM LITTLE

Note paper (5½" x 8½")

50 sheets: \$2.50

100 sheets: \$4.00

color or personalization 50¢ extra

Writing paper (8½" x 11")

50 sheets: \$3.50

100 sheets: \$6.50

All sheets decorated.

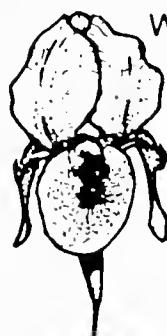
No envelopes.

Mixed designs.

Write for samples.

RR 2, Box 196-B

Las Cruces, NM 88001



MARYOTT'S IRIS GARDENS

Nearly two acres of irises
specializing in

- *Latest Tall Bearded
- *Dwarfs and Medians
- *Remontants, Exotica & Antiques

Featuring large quantities of the
most recent varieties and offering
them at exceptionally reasonable
prices. The gardens are open to
the public during bloom season,
and AIS members are cordially
invited.

Free Catalog

BILL & MELINDA MARYOTT

1678 Andover Lane

San Jose, CA 95124

(408) 265-2498

GARDEN of the ENCHANTED RAINBOW

REASONABLE Prices

Best of the OLD.

Many NEW ones.

REBLOOMERS.

Some MEDIANS.

Jordan A. & Bernice M. Miller
Rt. 4, Box 439B, Killen, Alabama 35645

Send stamp for price list.

MID-AMERICA GARDENS of Paul Black

TBs • Medians • Arilbreds

Quality rhizomes of the latest introductions to
the tried and true older varieties.

Catalog on request.

Box 425

Wheatland, OK 73097

MELROSE GARDENS

309-AD Best Road South
Stockton, CA 95205

Presenting the 1981 introductions of:
D.C. Anderson, K. K. Kidd, Mrs. Walter
Savage, Sam Rix, Frank Chowning, and
a wide range of iris types
from Ben R. Hager.

Our smaller catalog will bring you a
restricted listing of only the most elite
irises, but still all of the fascinating
types of irises and newer daylilies.

THE CONOISSEUR'S CATALOG
*\$1.00 mailed first class
not deductible*

MILLER'S MANOR GARDENS

Roger and Lynda Miller
Route 2, Box 323A
Ossian, IN 46777

Specializing in Miniature Dwarf,
Median and Tall Bearded Irises.

List on Request

MOUNT OLIVE IRIS GARDEN

10349 Empire Grade
Santa Cruz, CA 95060

Grower of tall bearded iris, featuring the
best in the west. Mountain grown on the
edge of the Pacific. Visitors welcome.

Susan Coleman, Owner List on request.

MISSION BELL GARDENS

(MELBA AND JIM HAMBLEN)

Featuring Fine Irises of

Recent Introduction

TALL BEARDED

CATALOG ON REQUEST - NO COLOR

2778 W. 5600 So.

Roy, Utah 84067

MOHR GARDENS

1649 Linstead Drive
Lexington, KY 40504

Featuring the tall bearded introductions of Dr. H. C. Mohr, David Mohr and Ken Mohr. Also, a large selection of contemporary TBs from your favorite American hybridizers.

Send stamp for catalog

PACIFIC COAST HYBRIDIZERS

Featuring
the introductions of

Bryce Williamson

Post Office Box 972
Campbell, CA 95028

Free catalogue

RIVERDALE IRIS GARDENS

Glenn and Zula Hanson

7124 Riverdale Road, Minneapolis, Minn.
55430

Featuring an extensive list of dwarfs and medians.

Free price list. No color.

RAINBOW GARDEN

Box 157
Weir Kansas, 66781

TBs * SDBs * IBs

JOHN R. MADDOX
(formerly of Okla. City)

List on Request

HARDY NORTHERN PEONIES

Beautiful Herbaceous and
Tree Peony Hybrids. Excellent
quality. Exciting colors.

Catalog \$1.00

DAVID REATH
Vulcan, Michigan 49892

SCHLIEFERT IRIS GARDENS

Murdock, Nebraska 68407

Since 1935

Collection of all Dykes available
No catalog available this year

SCHREINER'S GARDENS

3629 QUINABY RD., NE.
SALEM, OREGON 97303

Fine Irises for discerning collectors

GROWERS - HYBRIDIZERS -
ORIGINATORS

America's Finest Iris Catalog, accurate
color illustrations, a treasure trove of
information.

\$2.00 (Deductible from 1st order)

DAVID B. SINDT-IRISES

1331 West Cornelia, Dept. A
Chicago, Illinois 60657

Featuring pure pumilas, other small
bearded species, 1981 MDBs, SDBs,
AB-meds by David Sindt, Oscar Keith,
Earl Roberts, J. D. Taylor and
Lothar Denkewitz.

**Free catalog available in April.
No orders accepted after July 15.**

WINDSOR IRIS GARDENS



**Vagabond Gardens
116 Pierson Street
Santa Rosa, CA 94501**

Featuring Tall Bearded, Medians, Reblooming, Beardless and Bearded, Louisianas, Japanese, Siberians and Pacificas.

FRANK J. FOSTER

Catalog Available on Request.

GILBERT H. WILD & SON

Dept. AIS-781
Sarcoxie, MO 64862

Send \$2 for 96-page illustrated
catalog in color featuring
IRISES, PEONIES, DAYLILIES.



BULLETIN ADVERTISING RATES

Effective January 1981 Issue

Executive Summary Four Issues
COMMERCIAL DIRECTORY (Four Issues)

COMMERCIAL DIVISION (for release)
One-inch \$ 30.00 Two-inch \$ 40.00
Three-inch \$ 50.00

DISPLAY ADVERTISING (Single Issue)

One-inch	\$ 25.00	Two-thirds page	\$ 73.00
One-quarter page	31.00	Three-fourths page	82.00
One-third page	40.00	Full page	100.00
One-half page	56.00		

Full page, color \$200.00 plus color separations
Cover ads \$200.00 plus color separations
All advertising copy and photographs, except color which requires individual arrangements, must be received by the Advertising Editor by April 15 (July Issue), July 15 (October Issue), October 15 (January Issue) and January 15 (April Issue).

Send advertising copy and check payable to The American Iris Society to:

REGIONS AND REGIONAL VICE PRESIDENTS

- 1-Maine, Connecticut, Massachusetts, New Hampshire, Rhode Island and Vermont. *Clayton H. Sacks*, West Neck Rd., Box 70, Nobleboro, ME 04555
- 2-New York. *Greg M. Schifferli*, 1211 McKinley Pkwy., Lackawanna, NY 14218
- 3-Pennsylvania and Delaware. *Paul R. Smith*, 299 N. Pleasantview Rd., Sanatoga, PA 19464
- 4-Maryland, District of Columbia, North Carolina, Virginia and West Virginia. *Claire B. Barr*, 1910 Greenspring Valley Rd., Stevenson, MD 21153
- 5-South Carolina, Florida and Georgia. *Rev. Everett L. Lineberger*, Route 6, Box 300, Inman, SC 29349
- 6-Michigan, Indiana and Ohio. *James A. Copeland*, Wolf Lake Fish Hatchery, Route 1, M-43, Mattawan, MI 49071
- 7-Kentucky and Tennessee. *Dr. Hubert C. Mohr*, 1649 Linstead Dr., Lexington, KY 40504
- 8-Wisconsin and Minnesota. *Walter A. Machulak*, S. 82 W. 12877 Acker Dr., Hales Corners, WI 53130
- 9-Illinois. *Mrs. Rita Kinsella*, 318 Marabeth, Fairview Heights, IL 62208
- 10-Louisiana. *Richard Goula*, 113 Acacia Dr., Lafayette, LA 70508
- 11-Montana, Idaho, and Wyoming. *David M. Durnford*, 1504 S. Seventh West, Missoula, MT 59801
- 12-Utah. *Keith Wagstaff*, 2424 E. Sundown Ave., Salt Lake City, UT 84121
- 13-Washington, Oregon, Alaska, Acting RVP. *J. T. Aitken*, 608 N.W. 119 St., Vancouver, WA 98665
- 14-Northern California, Hawaii and Nevada. *Dr. John H. Weiler*, 1146 W. Rialto, Fresno, CA 93705
- 15-Southern California and Arizona. *Janice Chesnik*, 418 Buena Creek Rd., San Marcos, CA 92069
- 16-Canada. *John McMillen*, Route 1, Norwich, Ontario NOJ 1PO, Canada
- 17-Texas. *Mrs. Louise Nichols*, 2703 S. Harrison, Amarillo, TX 79109
- 18-Missouri and Kansas. *Dave Niswonger*, 822 Rodney Vista Blvd. Cape Girardeau, MO 63701
- 19-New Jersey and Staten Island. *Dave Silverberg*, 27 Spring Hill Dr., Howell, NJ 07731
- 20-Colorado. *Dr. John R. Durrance*, 4301 E. Cedar Ave., Denver, CO 80222
- 21-Iowa, Nebraska, North Dakota and South Dakota. *Leonard J. Michel*, 420 Hilltop Rd. Ames, IA 50010
- 22-Oklahoma and Arkansas. *Burdella Rhodes*, Box 78, Osage, OK 74054
- 23-New Mexico. *James A. Mahoney*, 704 Jefferson N.E., Albuquerque, NM 87110
- 24-Alabama and Mississippi. *Grady Kennedy*, 9610 Todd Mill Rd., S.E., Huntsville, AL 35803



PURPLE STREAKER
AN EXOTIC NEW 1981 INTRODUCTION
SEE VARIGAY GARDEN LIBRARY AD IN SPRING BULLETIN

JUL 29 1981

NEW YORK

YOUR SYMPOSIUM BALLOT 1982

**PLEASE VOTE FOR YOUR FAVORITE
TALL BEARDED IRIS VARIETIES**

All members of the American Iris Society are urged to participate in this ballot in order that we may obtain a wide consensus of the tall bearded iris varieties that grow and bloom best in gardens throughout America. Mail the completed ballot to your RVP by September 21, 1981. Final results will be published as the popularity poll in a future issue of the Bulletin. Please vote!

ATTENTION: OVERSEAS MEMBERS are invited to vote the Symposium Ballot. Instructions on page 2.

BULLETIN OF THE

AMERICAN IRIS SOCIETY

**VOL. LXII, NO. 3, SERIES 242, JULY 1981
PRINTED IN TWO SECTIONS * SECTION 2**

PLEASE VOTE

**FORTY-SECOND OFFICIAL SYMPOSIUM
OF THE AMERICAN IRIS SOCIETY
1982**

This is your ballot to help determine the One Hundred Favorite Irises for 1982. The list of candidates was completed by combining the following lists of outstanding varieties:

- The 100 top varieties in last year's Symposium
- The tall bearded irises eligible for 1981 Dykes Medal
- The tall bearded irises eligible for 1981 Awards of Merit
- The tall bearded irises that won 1980 Awards of Merit
- The tall bearded irises that won 1980 Honorable Mentions

Every member of the American Iris Society may participate in this balloting of the 484 irises listed on the following pages and write in as many as five unlisted tall bearded irises. Each member is allowed twenty-five votes.

Please follow the instructions below.

1. Vote only for an iris that you have seen blooming in a garden.
2. Clearly place an X in front of each of your twenty-five favorites. The second member of a family membership should be an O symbol to designate votes. Additional or youth (category \$1.50) members should use a number (1, 2, 3, etc.) in front of each vote to identify it. Each member is entitled to a maximum of twenty-five votes. Since the ballot is designed for easy tabulation by the Regional Vice Presidents, please follow directions carefully.
3. No member may vote for more than twenty-five varieties, including write-in votes. You may vote for less than twenty-five if you wish.
4. Your ballot must be mailed to your Regional Vice President by September 21, 1981 in order to be counted. The name of your RVP is listed inside the back cover of each AIS Bulletin. Sign your ballot and mail it first class.

NAME(S) _____

ADDRESS _____

-
5. Overseas members may vote by mailing their ballot to the Awards Committee Chairman whose name and address appear on the inside cover of each AIS Bulletin.

ACTRESS	BLACKBERRY WINE	CARVED MARBLE
ADDED PRAISE	BLACK MARKET	CARVED PINK
ADMIRALTY	BLANC DE CHINE	CATHEDRAL WINDOWS
AFTER ALL	BLAZING SADDLES	CAYENNE CAPERS
ALLEGIANCE	BLOSSOM PINK	CENTER FOLD
ALOHA	BLUEBERRY MERINGUE	CHABLIS
AMERICAN HERITAGE	BLUE LUSTER	CHAIN O' GOLD
AMETHYST FLAME	BLUE SAPPHIRE	CHAMBER MUSIC
ANGEL CHIFFON	BLUE STACCATO	CHAPEAU
ANOINTED	BLUE THEME	CHARISMA
ANON	BLUSHING LEMON	CHARMED CIRCLE
ANTIQUE TAPESTRY	BLUSHING PINK	CHARTREUSE RUFFLES
APRICOT BLAZE	BONBON	CHERISHED
APRICOT FRINGE	BORDELLO	CHERISHED MEMORY
ARSONIST	BRIDE'S LACE	CHERRY SMOKE
ARTISTE	BRIDE'S HALO	CHERUB CHOIR
ARTWORK	BRIGHT DANDELION	CHIEF ILLINI
ASGARD	BUFFY	CHIEF WAUKESHA
ASTRO FLASH	BURGUNDY CHERRY	CHRISTMAS RUBIES
AUTUMN ECHO	BURNT TOFFEE	CHRISTMAS TIME
AUTUMN LEAVES	BUTTERED ALL OVER	CHRISTMAS TREASURE
	BUTTERSCOTCH BRONZE	CINDY O
BABBLING BROOK	BUTTONWILLOW	CIRCUS STRIPES
BABY FACE	BY NIGHT	CLARENDON
BALLET RUFFLES		CLOUDS OF GOLD
BARBARY COAST	CALIENTE	CO CO MOCHA
BAYBERRY CANDLE	CAMELOT ROSE	COFFEE HOUSE
BAY RUM	CAMPUS CUTIE	COLORADO SUNSHINE
BEAUTY CROWN	CAPILIGHT	COLUMBIA BLUE
BEIGE MELODY	CAPTAIN'S TABLE	COPPER MOUNTAIN
BEIGE RUFFLES	CARAMBA	CORAL STRAND
BETTY SIMON	CARNIVAL TIME	CORNERSTONE
BICENTENNIAL	CAROLINA HONEY	CORN HARVEST
BIG PEACH	CARRIAGE TRADE	COUNTRYMAN
BIRTHDAY SONG	CARVED ANGEL	COUNTRY MANOR
BIRTHSTONE	CARVED CAMEO	CRANBERRY COCKTAIL

CRANBERRY ICE	ESTHER FAY	GENESIS
CROW'S NEST	EVENING ECHO	GENTLE RAIN
CRUSHED VELVET	EVENING IN PARIS	GEOMETRICS
CRYSTAL CITY	EXOTIC STAR	HOST STORY
CRYSTAL DAWN		GIFT WRAPPED
CUP RACE	FABULOUS FRILLS	GLACIER SHADOWS
CUT CRYSTAL	FANTASY FAIRE	GLORY BOUND
	FAR CORNERS	GOING MY WAY
DANCE BEAT	FASHIONABLE PINK	GOLDEN APPLE
DANCING VIOLET	FASHION RINGS	GOLDEN CLARET
DARK ALLURE	FEMININE CHARM	GOLDEN INGOT
DARK TRIUMPH	FESTIVE AIRE	GOLDEN SPARKLER
DASHER	FIESTA BRAVA	GOLDEN TRINE
DATEBOOK	FIFTY FATHOMS	GOLD GALORE
DEBBY RAIRDON	FIRESTONE	GOLD RING
DEEP PACIFIC	FIREWATER	GOLD TRIMMINGS
DEEP THROAT	FIVE STAR ADMIRAL	GRAND ENTRANCE
DEJA VU	FLAIR	GRAND MANNER
DELORA FISHER	FLAMEBURST	GRANDMA'S TRIMDRESS
DIGNITARY	FLAMENCO	GRAND WALTZ
DISCO MUSIC	FLAMING ARROW	GRAPHIC ARTS
DOODLE STRUDEL	FLAREUP	GYPSY BELLE
DOVER BEACH	FOCUS	GYPSY CARAVAN
DREAM AFFAIR	FOOLISH PLEASURE	
DREAMIN' BLUE	FORMOSA SPRING	HAPPY FACE
DREAM LOVER	FRESNO CALYPSO	HAPPY HARMONY
DREAM TOUCH	FRESNO FIESTA	HASH MARKS
DUALTONE	FRINGED TAFFETA	HEATHER BLUSH
DUSKY DANCER	FRONTIER MARSHALL	HEAVENLY HARMONY
DUTCH CHOCOLATE	FULL TIDE	HELEN BOEHM
DUTCH TREAT		HELL'S FIRE
	GALA MADRID	HIGH TEA
ELYSIAN FIELDS	GAMBOGE GAL	HIS LORDSHIP
EMPHASIS	GARNET ROBE	HOMECOMING QUEEN
ENTOURAGE	GAY PARASOL	
ERMINIE ROBE	GENE BUCKLES	ICE SCULPTURE

— IGLOO	— LEMON BROCADE	— MATINATA
— ILLINI MOON	— LEMON CROWN	— MAUMELLE SNOW
— ILLINI REPEATER	— LEMON GLITTER	— MELODIAN
— IMPERSONATOR	— LEMON LYRIC	— MELON BISQUE
— INDIAN PRINCESS	— LEMON MIST	— MELTED CHOCOLATE
— INFATUATION	— LE SEDNA	— MEMPHIS DELIGHT
— INFERNO	— LIEBESTRAUM	— MERRY TUNE
— INSTANT CHARM	— LILTING LULLABY	— METROPOLITAN
— INSTANT LOVE	— LIME FIZZ	— MICHIGAN PRIDE
— INSTIGATOR	— LINEUP	— MIDNIGHT SPECIAL
— INTUITION	— LIZ	— MILLRACE
— IRENE NELSON	— LOMBARDY	— MILL VALLEY
— ISLE OF CAPRI	— LOOP THE LOOP	— MINISA
	— LORD BALTIMORE	— MIRIAM STEEL
— JEANETTE	— LORDLY WAYS	— MISSION RIDGE
— JEANNE PRICE	— LOUDOUN BEAUTY	— MISS PERSONALITY
— JOYCE TERRY	— LOUDOUN DELIGHT	— MISS PHOTOGENDIC
	— LOUDOUN PRINCESS	— MISS PRISS
— KELLY CALLEN	— LOUISIANA LACE	— MISTY MOONSCAPE
— KENTUCKY DERBY	— LOVELY JAN	— MISTY SHADOWS
— KILT LILT	— LOVE SONNET	— MISTY WATERCOLORS
— KINDNESS	— LOVE THEME	— MIXED BOUQUET
— KOALA	— LUAU	— MOCAMBO
	— LYRICAL	— MODERN CLASSIC
— LACY SNOWFLAKE		— MOLLY MATTHEWS
— LADY MARIE	— MADEIRA BELLE	— MONACO
— LADY OF SPAIN	— MAGIC CANDLE	— MONEY
— LADY X	— MAGIC LADY	— MOODY BLUE
— LAKE PLACID	— MAGNIFIQUE	— MULBERRY MIST
— LATE REPORT	— MALAYSIA	— MY GIRL FRIEND
— LATIN LADY	— MANDOLIN	— MYSTIQUE
— LATIN LOVER	— MANUEL	
— LAUNCHING PAD	— MARGARITA	— NAVAJO BLANKET
— LAURIE	— MARY FRANCES	— NAVY STRUT
— LAWRENCE WELK	— MARY GADD	— NEW MOON
— LEISURE DAY	— MATCHMAKER	— NEW ROCHELLE

NEW VENTURE	PLUM DAZZLE	SANTANA
NIGHT DEPOSIT	PLUM GLEAM	SAPPHIRE HILLS
NIGHT OWL	PORTA VILLA	SATIN GLASS
	POTPOURRI	SATIN GOWN
OLD FLAME	PRAISE THE LORD	SERENE DUET
ONE DESIRE	PREMONITION	SEWING BEE
ON THE GO	PRETTY NANCY	SHADOW MAGIC
OOHS AND AHS	PRIDE OF IRELAND	SHAFT OF GOLD
ORANGE EMPIRE	QUAPAW	SHIPSHAPE
ORANGE FROSTING	QUEEN OF FLORENCE	SHOCKING PINK
ORANGE PLUSH	QUEEN OF HEARTS	SHOUTIN' BLUE
ORANGE SPLENDOR	QUIESCENT	SHOWCASE
ORANGE WONDER	QUIET KINGDOM	SHOW TIME
ORITAM	RADIANT SUMMER	SILENT MAJESTY
	RANCHO ROSE	SILENT PATRIOT
PAGAN	RASPBERRY RIPPLES	SILVER HEATHER
PALACE GUARD	RIO VISTA	SINGING SKIES
PANACHE	RIPPLING CLOUDS	SKETCH ME
PARTY GIRL	RIPPLING WATERS	SKY GEM
PASSIONALE	RISQUE	SKYLAB
PATINA	RIVER CITY	SNOW HOLLY
PEACH FROST	RIVER RHYTHM	SNOW JADE
PEACH SUNDAE	ROBBIE LEE	SNOMOUND
PEACHY CREAMY	ROCKET BLAST	SOCIAL WHIRL
PEARL FROST	ROCOCO	SOLANO
PEEK A BLUE	ROMAN CANDLE	SOLDIERS' CHORUS
PENNY A PINCH	ROSE CARESS	SONGSTER
PERSIAN BERRY	ROSE TATTOO	SON OF STAR
PHOENIX	ROYAL REGENCY	SOUTHERN COMFORT
PINK ANGEL	ROYAL TRUMPETER	SOUTHLAND GRAPE
PINK CONFETTI	RUFFLED BALLET	SPACE BLAZER
PINK FEATHERS	SAN JOSE	SPACE ODYSSEY
PINK PICOTEE	SAN LEANDRO	SPANISH HARLEM
PINK SLEIGH		SPANISH STREET SONG
PINK TAFFETA		SPARTAN
PLAYGIRL		SPICED HONEY

SPINNING WHEEL	SWEDISH MODERN	VALVOUCHE
SPIRIT OF MEMPHIS	SWEETHEART WALTZ	VANITY
STARFROST PINK		VICTOR HERBERT
STARTLER	TACO BELLE	VICTORIA FALLS
STEPPING OUT	TANGERINE QUEEN	VIOLET HARMONY
STITCHED RIGHT	TANGERINE SKY	VOLARE
STOP SIGN	TEMPLE GOLD	
STORMY STALLION	TENNESSEE FROST	WALTZING WIDOW
STRAWBERRY SUNDAE	TEQUILA SUNRISE	WARM AND TOASTY
STRAWBERRY WINE	THANKSGIVING	WEDDING VOW
STUDY IN BLACK	THELMA RUDOLPH	WESTERN HOSTESS
SUGAR BEAR	THICK AND CREAMY	WHITE LIGHTNING
SUGAR TREE	THINK PINK	WILD BERRY
SULTAN'S PALACE	TOP BANANA	WINDSOR ROSE
SUN CITY	TOUCHE	WINE AND ROSES
SUNDAY CHIMES	TOUCH OF CLASS	WINGS OF DREAMS
SUN FIRE	TREASURE KEY	WINNER'S CIRCLE
SUN KING	TREVI FOUNTAIN	WINTER OLYMPICS
SUNNY DELIGHT	TRILL	WINTER PANORAMA
SUNRISE POINT	TULIP FESTIVAL	WOODWINE
SUN SNAP	TUPELO HONEY	WORLD NEWS
SUN TOasted	TURBULENCE	
SUPERSIMMON		YANKEE MAID
SUPERSTITION	VALENTINA	YVONNE B. BURKE
SWAZI PRINCESS	VALLEY WEST	

WRITE-IN VOTES

Each American Iris Society member voting is allowed to write-in as many as five varieties of tall bearded irises that are not on the list appearing inside this booklet. Additional family members participating (family or youth memberships) should place the symbol used for their votes in the rest of the ballot to identify their votes. Please remember that any write-in votes count toward your total twenty-five votes. In other words, if you wish to write-in three irises, you are allowed twenty-two votes on the other portion of the ballot, for a total of twenty-five.

(Make Additional Lines if Needed)

LIBRARY

JUL 29 1981

NEW YORK
BOTANICAL GARDEN

Bulletin of the

American Iris Society

Number 243 □ October 1981



4 – SQUARE IRIS GARDENS

presents

Blue Wind



(D. R. Spence 1982)

Sdlg. S-78-1: (Wee Turque X Little Miss Muffet) MDB, 7.75" (20 cm), E. The "state of the art" in miniature dwarfs. Ruffled light blue, diamond dusted self; fat snow white beards. Horizontally flaring falls, 1 branch with 2 buds; pleasingly scented. Best seedling 1980 ISM early show. EC 80 and 81 in St. Louis, where Blue Wind was very well liked.

\$12.50 postpaid with extras

4 – SQUARE IRIS GARDENS
3237 Eisenhower Street
Eau Claire, WI 54701
Ph. (715) 839-7053

BULLETIN OF THE AMERICAN IRIS SOCIETY

VOL. LXII, No. 4

Series No. 243

Oct. 1981

USPS 075-620

Editor-in-Chief: Ann Branch Dasch, 1439 S. Tuxedo Ave., Stockton, CA 95204
Tel. (209) 948-3375

Associate Editor: Philip Edinger, P.O. Box 637, Cloverdale, CA 95425

Advertising Editor: Kay Nelson, P.O. Box 37613, Omaha, NE 68137
Tel. (402) 895-9112

Managing Editor: Phillip Williams, P.O. Box 41, Eagleville, TN 37060

Editorial Committee: Ben R. Hager, Julius Wadekamper, W. George Waters,
Betty Wood

Departments & Editors: Domestic News—Fred Stephenson, 5608 Merriman
Rd., S.W., Roanoke, VA 24018
Foreign News—Bee Warburton, 2 Warburton Lane,
Westboro, MA 01581
Science—Sidney DuBose, 309 Best Rd. South,
Stockton, CA 95205
Photo Coordination—Maryann Anning, 12864 Viscaino
Rd., Los Altos Hills, CA 94022

THE BULLETIN is published quarterly by the American Iris Society, Publishing Office 6518 Beachy Ave., Wichita, KS 67206. Second-class postage paid at Wichita, KS, and at additional mailing offices. Subscription price is included in annual membership dues of \$9.50. Annual Subscription rate \$9.50 per year.

—Communications regarding **membership and dues** should be addressed to **Ronald Mullin**, Route 3, Pawnee, OK 74058.

—Communications concerning the **business matters** of the Society should be addressed to **Mrs. R. V. Ramsey**, 6518 Beachy Ave., Wichita, KS 67206.

—Communications regarding **advertising** should be addressed to **Kay Nelson**, Advertising Editor. For information about membership, advertising rates and section dues, see sections membership dues.

—All copy due in Editor's office by Oct. 15 (Jan.), Jan. 15 (April), April 15 (July), July 15 (October). This BULLETIN was printed by Williams Printing Company.

SECTION PRESIDENTS and BULLETIN REPRESENTATIVES

MEDIAN IRIS SOCIETY: Lee Eberhardt, 1440 N. Fountain Blvd., Springfield, OH 45504
Larry Harder, Ponca, NB 68770

THE SOCIETY FOR SIBERIAN IRISES: D. Steve Varner, N. State St. Rd., R 1, Monticello, IL 61856; *Dr. Currier McEwen, South Harpswell, ME 04079*

SPURIA IRIS SOCIETY: Virginia Mathews, 326 S. Stallard, Stillwater, OK 74074; *Floyd W. Wickenkamp, 10521 Bellarose Dr., Sun City, AZ 85351*

SOCIETY FOR JAPANESE IRISES: Adolph J. Vogt, 5101 Fegenbush Ln., Louisville, KY 40218; *W. E. Ouweneel, RR 31, Box 206, Terre Haute, IN 47803*

REBLOOMING IRIS SOCIETY: James L. Ennenga, 1621 N. 85 St., Omaha, NE 68114; *Lloyd Zurbrigg, 708 Noblin St., Radford, VA 24141*

DWARF IRIS SOCIETY: David B. Sindt, 1331 W. Cornelia, Chicago, IL 60657; *Anne Johnson, 1858 S. Downing, Denver, CO 80210*

SOCIETY FOR PACIFIC COAST NATIVE IRISES: Virginia del Judge, 121A Victoria View Dr. Sequim, WA 98382; *Olive J. Rice, 1914 Napa Ave., Berkeley, CA 94707*

SPECIES IRIS GROUP OF NORTH AMERICA (SIGNA) Chairman, Mrs. J. A. Witt, 16516 25th N.E., Seattle, WA 98155

LOUISIANA IRIS SOCIETY OF AMERICA (LISA): Richard J. Sloan, 2607 Louise Ave., Arcadia, CA 91006; *Robert C. Brooks, 418 Buena Creek Rd., San Marcos, CA 92069*

COOPERATING SOCIETY: Aril Society International: William Scott, 1946 Vedanta Place, Hollywood, CA 90068.

THE AMERICAN IRIS SOCIETY

A nonprofit institution Incorporated Feb. 2, 1927, In the County of Philadelphia, State of Pennsylvania. By the terms of the Charter, the Corporation has no stockholders and exists for the sole purpose of promoting the culture and improvement of the IRIS.

OFFICERS

President: Dr. Harold L. Stahly, 8343 Manchester Dr., Grand Blanc, MI 48439

First Vice President: Ronald Mullin, Route 3, Pawnee, OK 74058

Second Vice President: James Rasmussen, 11 Rambler Rd., Hutchinson, KS 67501

Secretary: Mrs. R. V. Ramsey, 6518 Beachy Ave., Wichita, KS 67206

Treasurer: Stephen Kegerise, 4411 Hilldale Rd., Reading, PA 19606

Editor: Ann B. Dasch, 1439 S. Tuxedo Ave., Stockton, CA 95204

Registrar: Kay Nelson, P.O. Box 37613, Omaha, NE 68137

Membership Secretary: Ronald Mullin, Route 3, Pawnee, OK 74058

Librarian: Dorothy Howard, 226 E. 20th St., Tulsa, OK 74119

DIRECTORS

Past Presidents: Hubert A. Fisher, Marlon Walker, Dr. John W. Wister, Leon Wolford.

Terms expiring in 1981:

Glenn F. Corlew
Jullus Wadekamper

Mrs. Edward Owen
Mrs. C. C. Rockwell, Jr.

Terms expiring in 1982:

Dr. John Harvey, Jr.
Ronald Mullin

Mrs. R. V. Ramsey
Dr. Harold L. Stahly

Terms expiring in 1983:

James G. Burch
Allan Ensminger

Dorothy Howard
James Rasmussen

CHAIRMEN OF STANDING COMMITTEES

Affiliates: Mrs. Edward Owen, 1411 Crest Dr., Encinitas, CA 92024

Awards: Kenneth M. Walte, 6 Tow Path La., Westfield, MA 01085

Convention Liaison: James Burch, 717 Pratt Ave., N.E., Box 10003, Huntsville, AL 35801

Exhibitions: Glenn F. Corlew, 2988 Cherry La., Walnut Creek, CA 94596

Foundation Liaison: Dr. John Harvey, Jr., 203 W. Pembrey Dr., Wilmington, DE 19802

Historical: Larry Harder, c/o Court House, Ponca, NB 68770

Honorary Awards: Leon Wolford, 7530 Forney Rd., Dallas, TX 75227

Judges Training and Judges: Mrs. C. C. Rockwell, Jr., P.O. Box 70, Fentress, TX 78622, Tel. 512-488-2365

Membership Contest: E. W. Lawler, 2114 Eldorado Way, Carrollton, TX 75006

Public Relations: Olive Rice, 1914 Napa Ave., Berkeley, CA 94707

Registrations: Keith Keppel, P.O. Box 8173, Stockton, CA 95208. Send all registration applications and \$5.00 payable to AIS, to registrar Kay Nelson, P.O. Box 37613, Omaha, NE 68137

Robins: Jeanne Stayer, 7414 E. 60th St., Tulsa, OK 74145

RVP Counsellor: Allan Ensminger, Rt. 3, Lincoln, NE 68505

Scientific: Jullus Wadekamper, 10078 154th Ave., Elk River, MN 55330

Section Liaison: James Rasmussen, 2112 W 17th, Wichita, KS 67203

Slides: Dr. D. C. Nearpass, 9526-50th Pl., College Park, MD 20740

Test Gardens: Bennett Jones, 5635 S. W. Boundary St., Portland, OR 97221

Youth: Maryann Anning, 12864 Viscalino Rd., Los Altos Hills, CA 94022

TABLE OF CONTENTS

1981 Awards	5		
Hybridizing Memories	W. B. Schortman	25	
The Name Game	D. Willott	31	
A Conventional Invitation	Anne Johnson	32	
Report from Colorado Springs	L. Shoemaker	H. Kuesel	37
Experiences with Bacterial Soft Rot	R. Browne	40	
St. Louis Favorites	45		
Faux Pas I Have Made	I. Van de Water	46	
Pod Appreciation	M. Wilkins	47	
Obituary, Eugene Hunt	69		
W. B. Schortman	77		
C. R. Minnick	79		
Recruit AIS Members	J. Burch	80	
Minutes, May 12 & 13	C. Ramsey	83	

REGULAR FEATURES

President's Desk	4	AIS Affiliates	55
Slides	24	International News	56
Gifts to AIS	29	Youth Views	64
Membership rates	30	Library	68
Hybridizers' Notice	43	Flightlines	70
Moving	44	Editor's Notebook	78
Domestic News	52	Advertising Rates	95

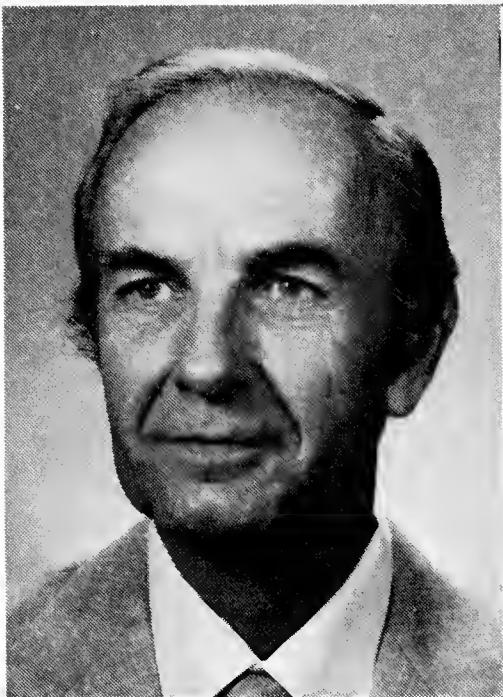
ADVERTISERS

Arnold Art	Cover 3	Schultz	63, 77
Charjoy	Cover 4	Shook	81
4-Square	Cover 2	Society, Louisianas	69
Microform	82	Commercial Directory	89

PHOTO CREDITS

M. Anning-6, 7 lower, 9 lower	18 both	16 lower both, 18 lower left
H. Danielson- 13 lower		G. Corlew-9 top, 12 all, 14 top, 15 top
H. Kuesel-39		S. DuBose- 7 top
T. Magee- 33, 34 all, 36 all		C. McEwen-14 lower left, 16 top
B. Osborne- 17, 18 lower right, 44		H. Metcalf- 28
S. Tyler- 54		L. Shoemaker- 35 both
L. Welsh- 8 top, 11 lower, 13 both		D. Willott- 8 lower, 10 both, 11 top,
top, 14 lower right, 15 lower left,		15 lower right

COVER: This year's Dykes Medalist BROWN LASSO, (Buckles-Niswonger), a border bearded proved that an outstanding iris of any classification can triumph. Its luscious tones and crisp form were photographed by Philip Edinger.



From the Desk of the President

Hal Stahly

During the past few years there have been many financial contributions to the Society from both individuals and groups. There is no way adequately to express our appreciation of these gifts. They came at a time of financial crisis, and they were literally the only things that made a balanced budget possible. We are deeply grateful to those who gave.

Now it seems appropriate again to call to your attention the American Iris Society Foundation. In its early years, with the energetic leadership of Presidents Wall and Bledsoe, quick progress was made in building up Foundation funds. The drive originated and directed by one of the first Foundation Trustees, Helen McCaughey, was especially productive. Subsequently, however, the Foundation was necessarily de-emphasized as the needs of the Society became our top priority. Contributions, of course, have continued, but the volume is considerably diminished.

Meanwhile the Foundation has been actively but quietly fulfilling its purposes. A substantial grant and a large loan, now repaid, made possible publication of *The World Of Irises*. More recently another sizeable loan was made to The Society for Siberian Irises in support of their book that was published this year. Additionally the Foundation has been supporting research. Most noteworthy are projects currently under way at Alabama A & M University, supported jointly by the Foundation and Region 24, investigating soft rot of irises. Initial results of this research were reported in the July 1981 *Bulletin*; more publication will follow. Other proposals for research funding are pending. The Foundation has been doing its job!

(Con't. on page 88)

THE 1981 AWARDS OF THE AMERICAN IRIS SOCIETY

**RESULTS OF BALLOTING BY ACCREDITED AIS
JUDGES, TABULATED BY KENNETH WAITE,
CHAIRMAN, AND THE AWARDS COMMITTEE.**



For the first time in the history of the American Iris Society, the Dykes Memorial Medal, the top award of the year, has been won by an iris other than a tall bearded variety.

BROWN LASSO, hybridized by the late Eugene Buckles and introduced by Dave Niswonger, received an impressive 179 votes.

The caramel and violet border bearded iris garnered 24.6% of the votes cast, significantly more than the required 15%.

Runnersup were Ben Hager's pink tall bearded variety VANITY and Opal Brown's rose and cream tall bearded introduction QUEEN OF HEARTS.

Illustrations of many major award winners follow.

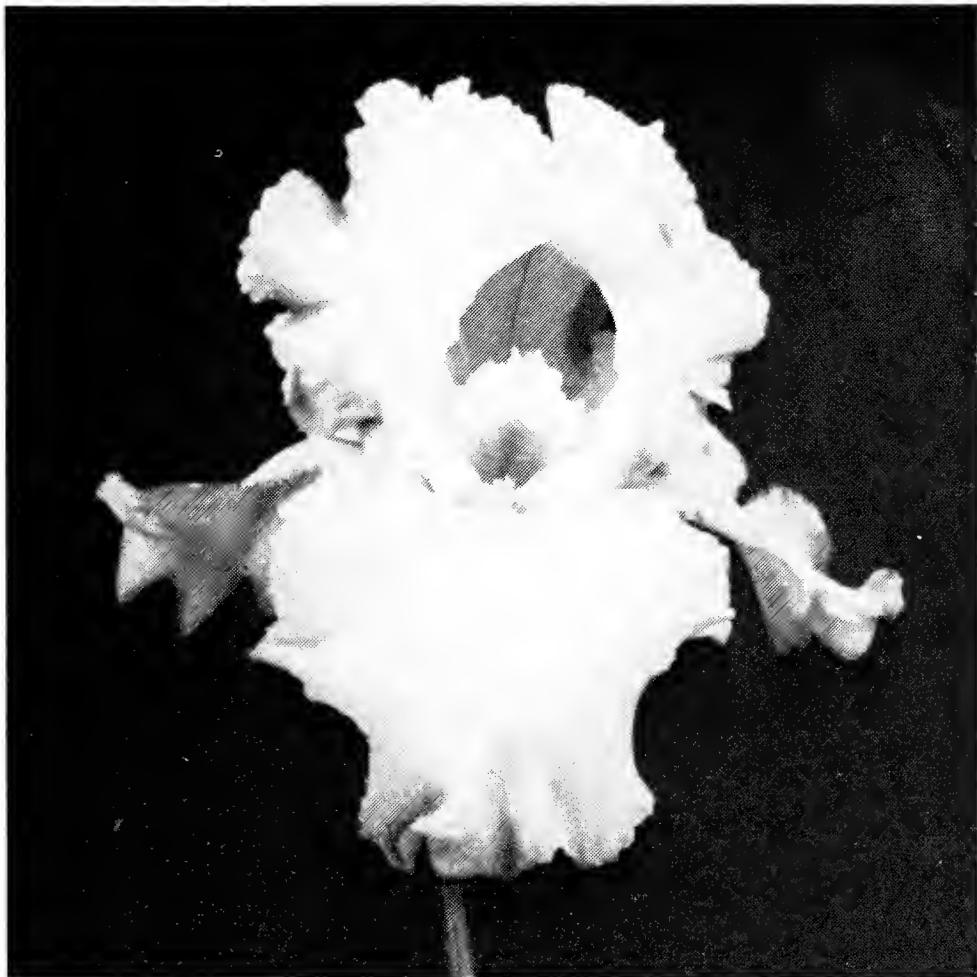


1981 AIS AWARDS

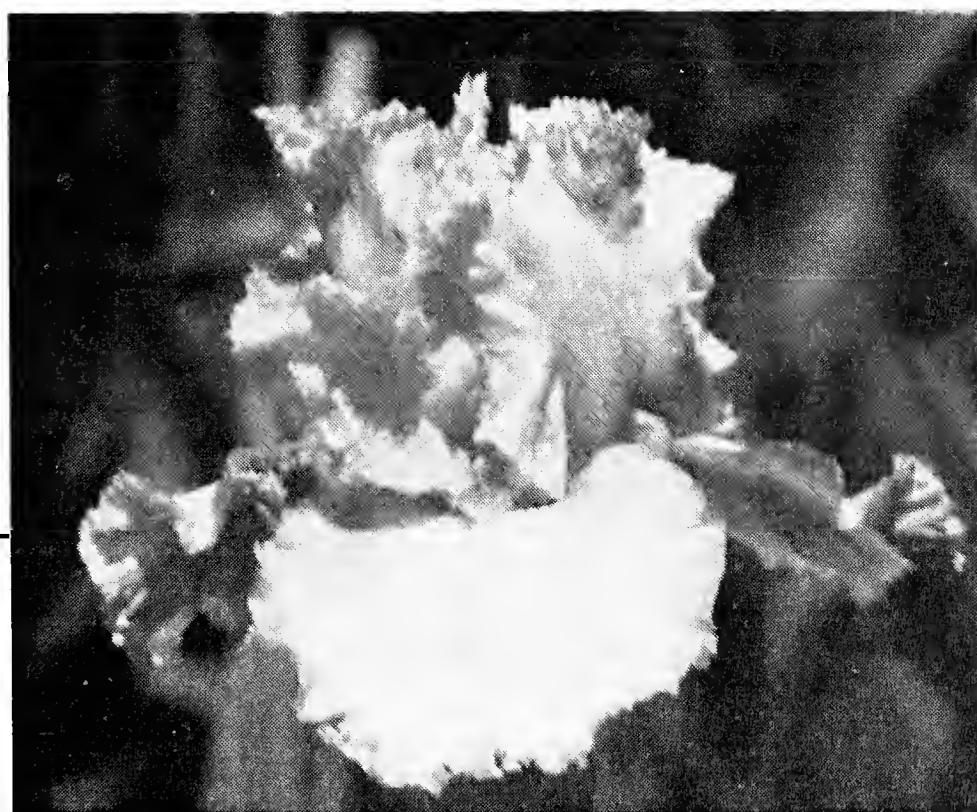


**DYKES MEMORIAL
MEDAL**
BROWN LASSO (BB) (Buckles-
Niswonger) 179 votes (24.6 %)

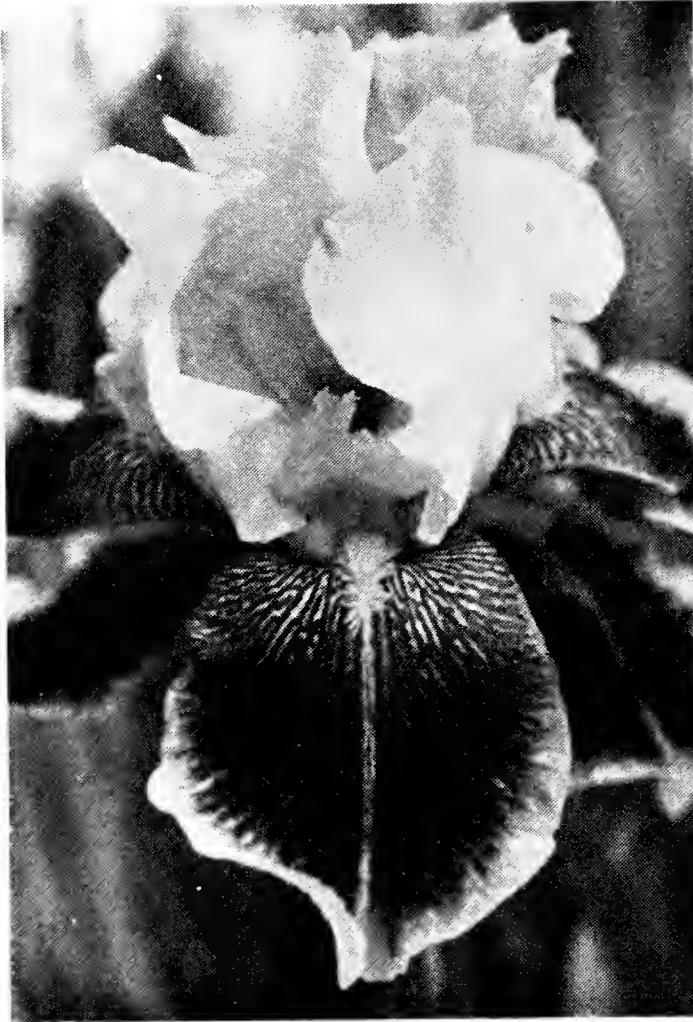
runnersup



VANITY (TB) (B. Hager) 48 votes



**QUEEN OF HEARTS (TB)
(O. Brown) 42 votes**



KNOWLTON MEDAL (BB)

131 WHOOP 'EM UP (D. Brady)

runnersup

81 STEPPING SMALL (T. Muhlestein)

63 COPY CAT (J. Ghio)

63 MARON BELLS (T. Magee)

WHOOP EM UP

RASPBERRY BLUSH

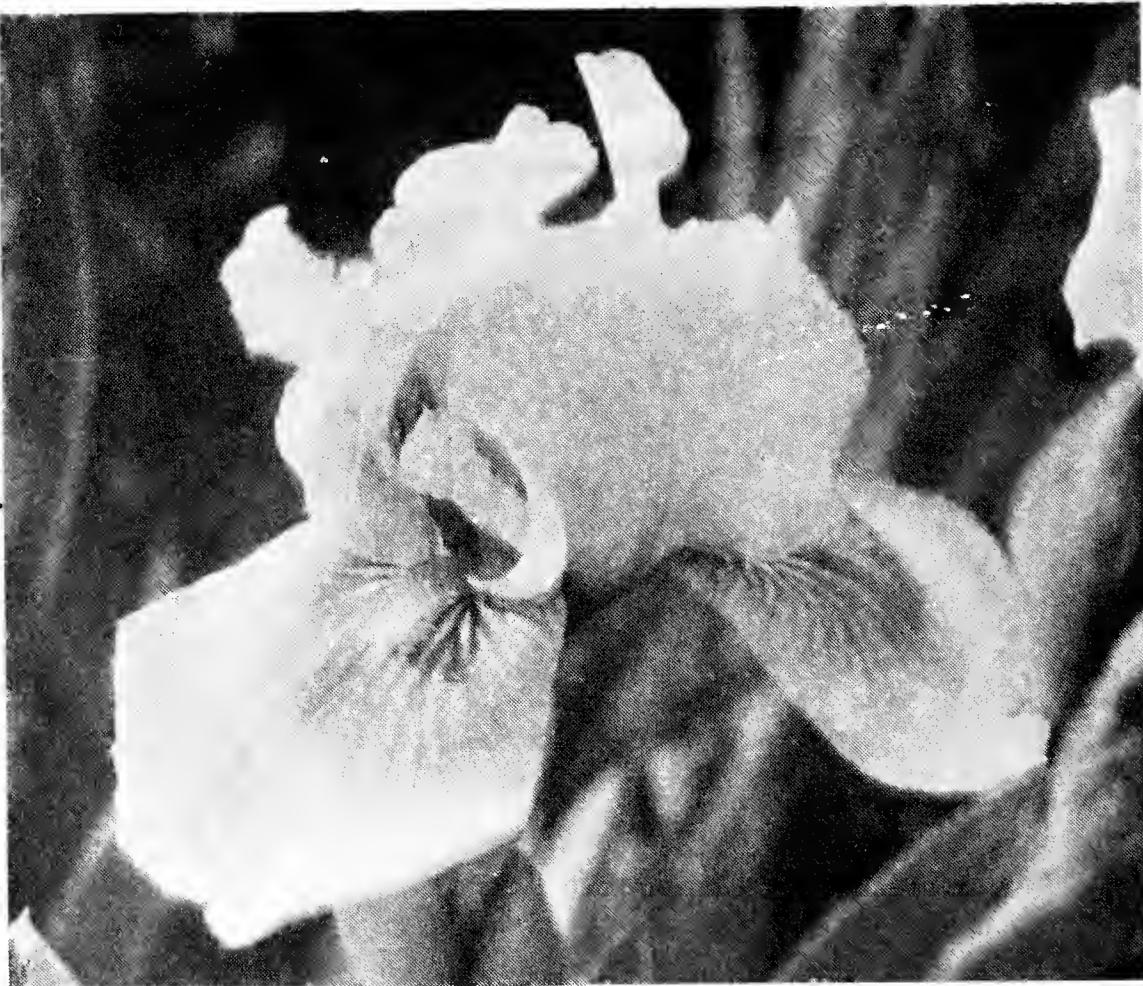
SASS MEDAL (IB)

161 RASPBERRY BLUSH (M. Hamblen)

runnersup

116 PEACHY FACE (B. Jones)

75 CHEERS (B. Hager)





HOCUS POCUS

**COOK DOUGLAS MEDAL
(SDB)**

76 HOCUS POCUS (B. Hager)

runnersup

74 STARRY EYED (J. Gatty)

67 MELON HONEY (E. Roberts)



STARRY EYED



PENNY CANDY

GIZMO

CAPARNE AWARD (MDB)
58 PENNY CANDY (M. Hamblen)
runnersup
40 GARNET ELF (M. Hamblen)
22 GIZMO (B. Hager)



WILLIAMSON-WHITE AWARD (MTB)

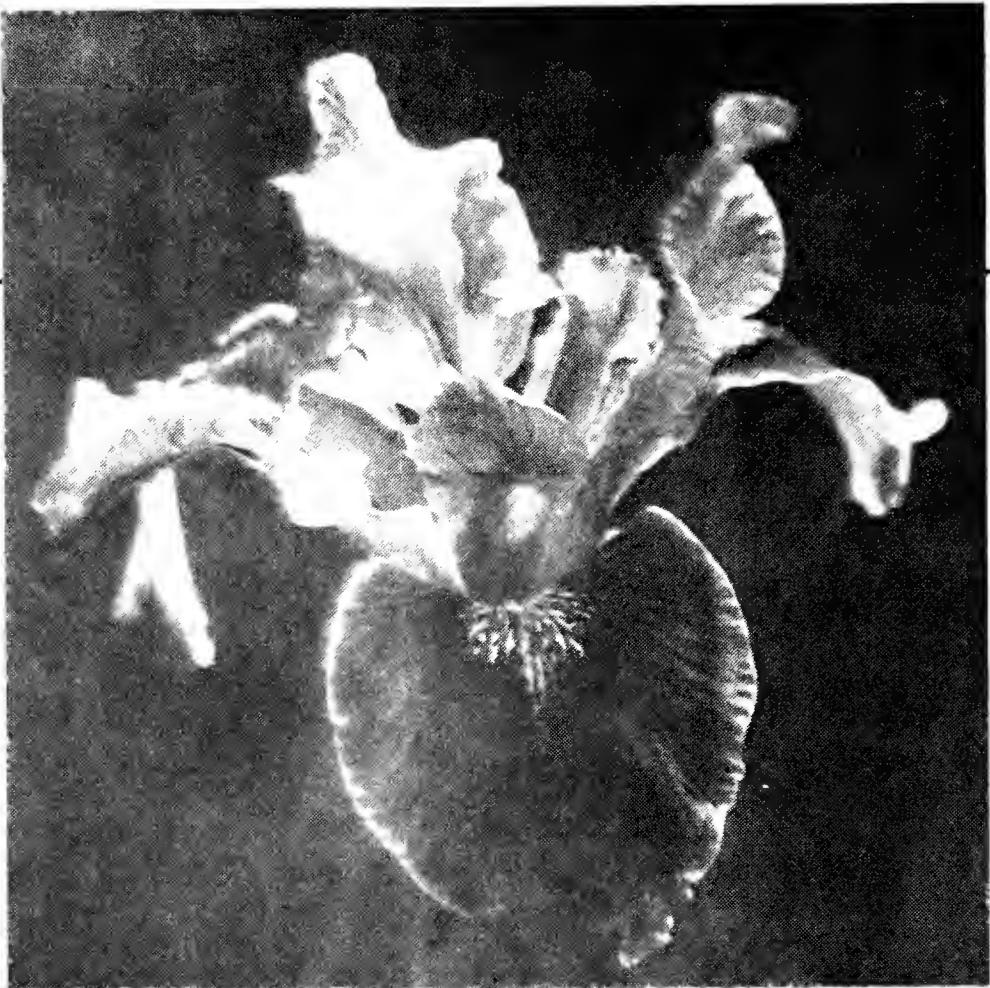
66 SPANISH COINS (J. Witt)
runnersup

29 LITTLE BLUEBEARD (K. Vaughn)
26 BELLBOY (M. Dunderman)



SPANISH COINS, bloom and clump





RESTLESS NATIVE

MITCHELL AWARD (CA)

18 RESTLESS NATIVE (J. Ghio)

runnerup

17 COUNCILMAN (J. Ghio)

17 SANTA RITA (J. Ghio)

COUNCILMAN



SANTA RITA





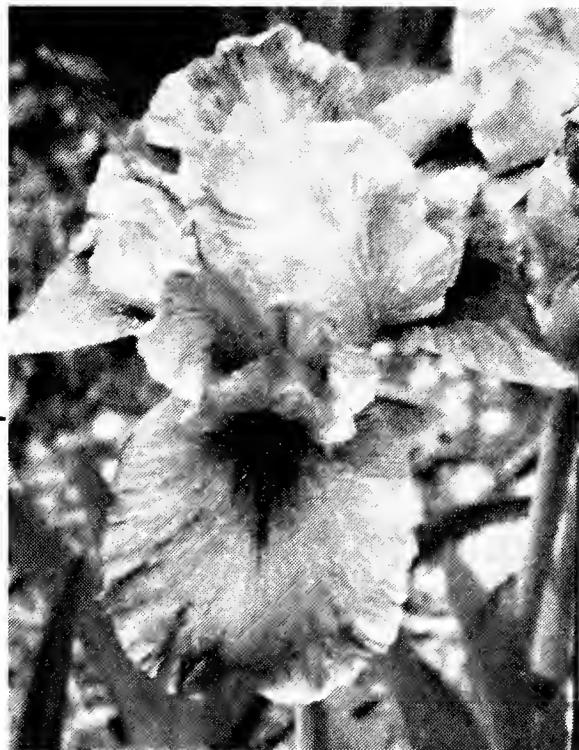
MARTHA MIA

**WILLIAM MOHR AWARD
(AB)**

50 BYZANTINE BEAUTY (H. Nichols)
runnersup

49 ARIL LADY (H. Danielson)

25 TOTEM (F. Crandall)



BIONIC BURST

C. G. WHITE AWARD (AR)

63 MARTHA MIA (E. Hunt)

runnersup

45 BIONIC BURST (H. Danielson)

20 CANASTA (L. Rich)

20 DRESDEN GOLD (D. Foster)

ARIL LADY





NIES AWARD (SPU)

43 IMPERIAL RUBY (E. McCown)
runnersup

35 BUTTER PADDLE (D. Niswonger)

30 FERGY'S POETRY (W. Ferguson)

IMPERIAL RUBY

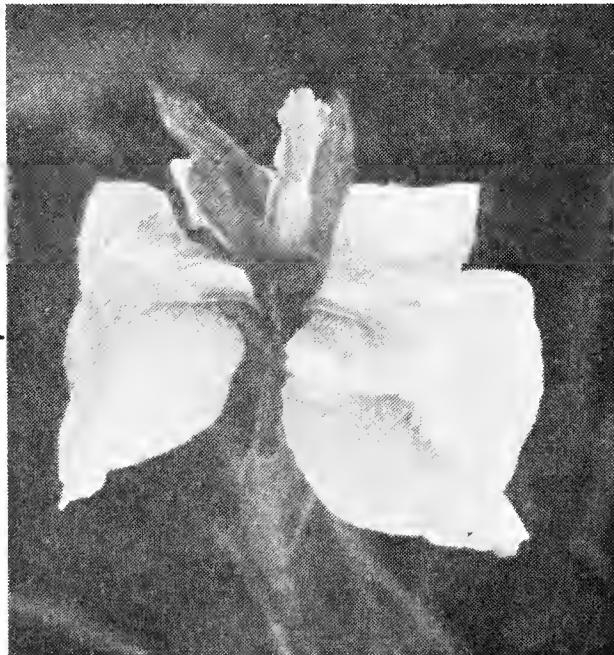
PAYNE AWARD (JAP)

29 FUJI (T. Abell)
runnersup

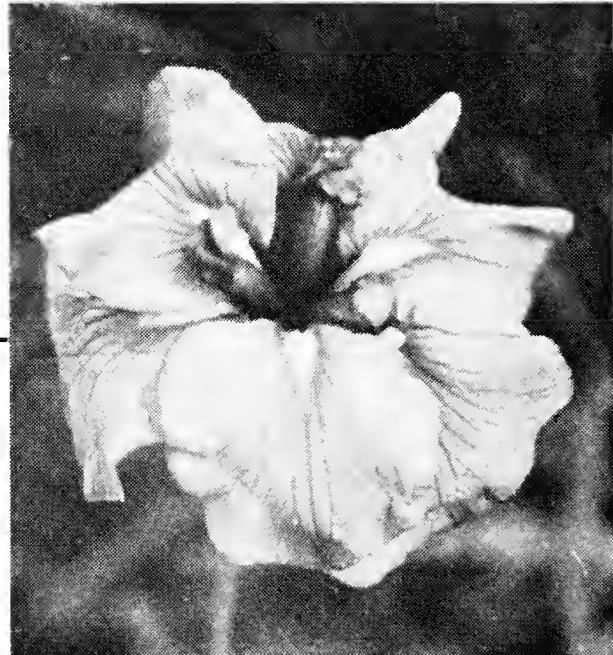
16 RETURNING TIDE (C. McEwen)

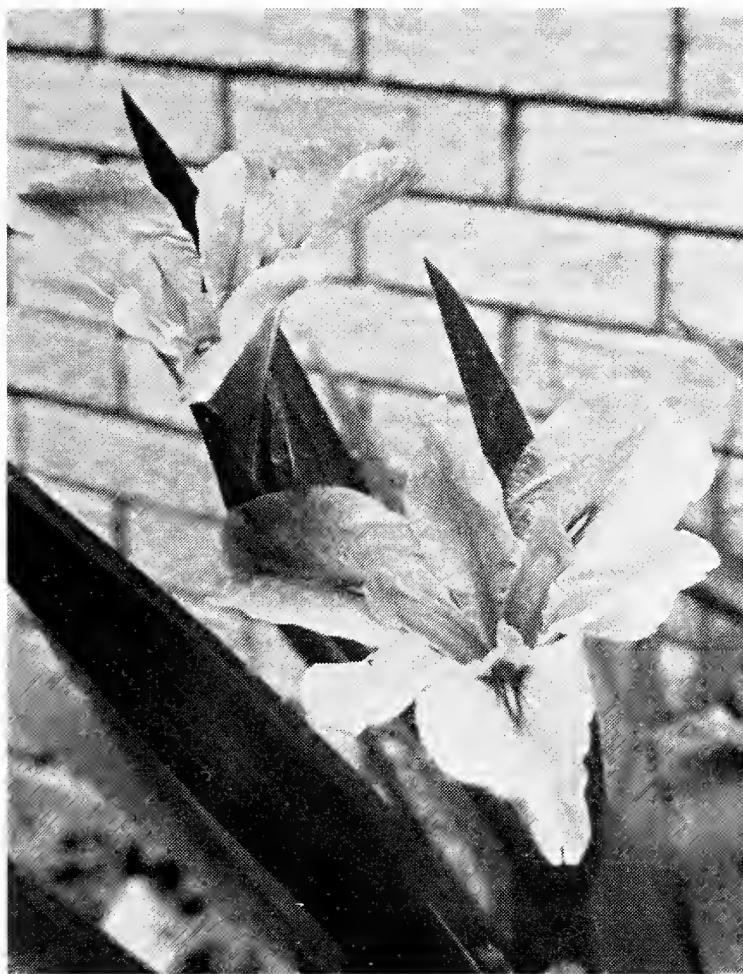
15 PRAIRIE CHIEF (A. Hazzard)

RETURNING TIDE



PRAIRIE CHIEF





BRYCE LEIGH

DEBAILLON AWARD (LA)

51 BRYCE LEIGH (F. Chowning)

runnersup

35 SHRIMP CREOLE (J. Ghio)

32 HARLAND K. RILEY (W.

MacMillan)

SHRIMP CREOLE



HARLAND K. RILEY



MORGAN AWARD (SIB)
99 BUTTER AND SUGAR
(C. McEwen)
runnersup
49 STEVE (S. Varner)
23 ROANOKE'S CHOICE
(W. McGarvey)



BUTTER AND SUGAR

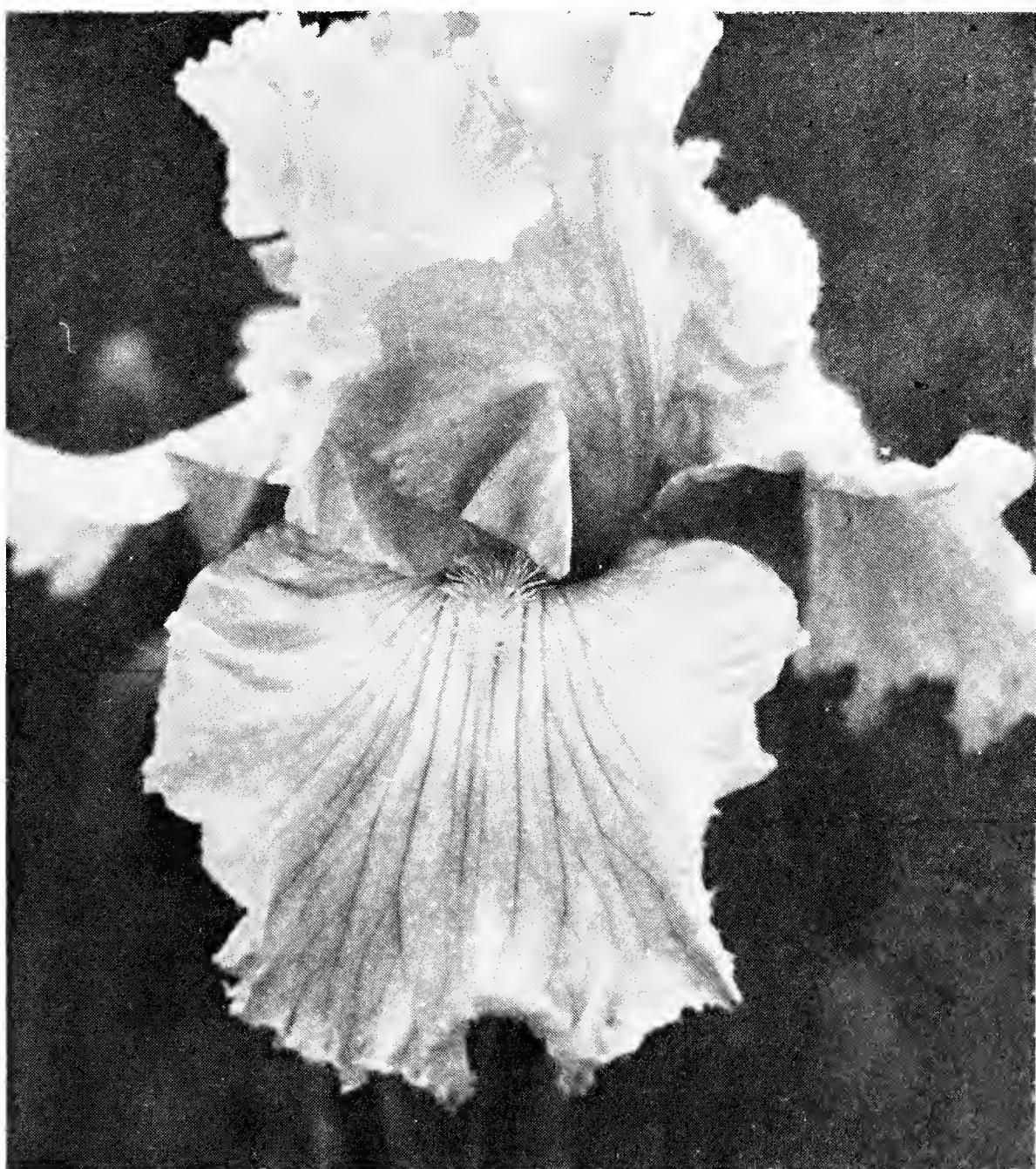
STEVE



ROANOKE'S CHOICE



WALTHER CUP
(most HM votes-all categories)
383 BEVERLY SILLS (TB) (B. Hager)
runnersup
241 COPPER CLASSIC (TB) (E.
Roderick)
193 SONG OF NORWAY (TB) (W. Luihn)



BEVERLY SILLS

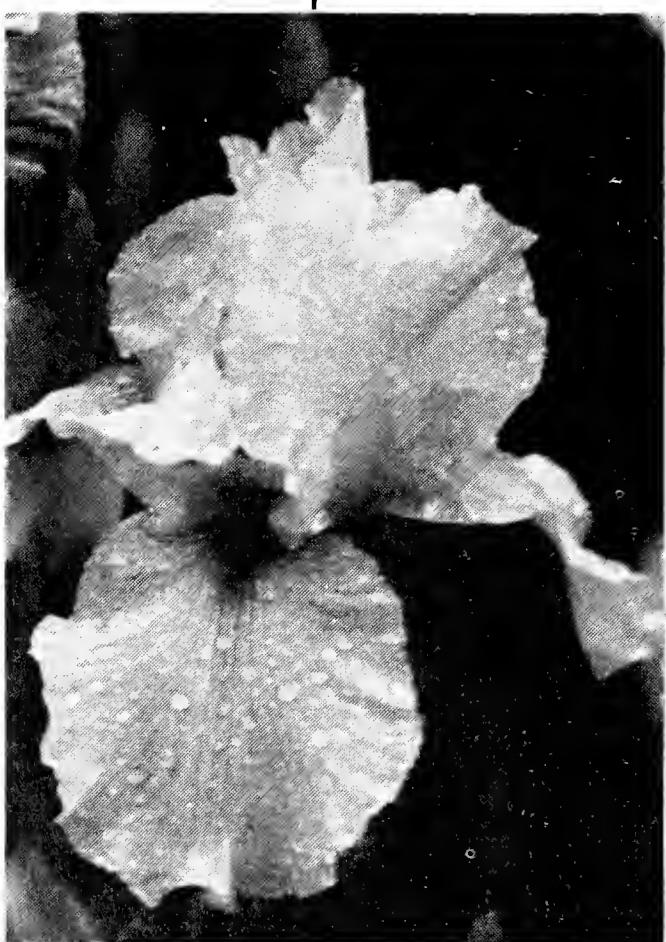
TOP AWARDS OF MERIT, TALL BEARDED



SUPERSTITION



MANDOLIN



LAWRENCE WELK



INTUITION

AWARDS OF MERIT

TALL BEARDED

- 112 SUPERSTITION (Schreiners)
- 103 MANDOLIN (J. Ghio)
- 101 INTUITION (J. Ghio)
- 92 LAWRENCE WELK (H. Danielson)
- 91 SILENT MAJESTY (M. Hamblen)
- 89 KENTUCKY DERBY (D. Mohr)
- 88 EXOTIC STAR (G. Plough)
- 84 SHOWCASE (Schreiners)
- 83 PERSIAN BERRY (L. Gaulter)
- 79 DEEP PACIFIC (E. Burger)
- 77 ADDED PRAISE (J. Boushay)
- 77 SPINNING WHEEL (D.C. Nearpass)

runnersup

- 76 MEMPHIS DELIGHT (Ev. Kegerise)
- 75 VICTOR HERBERT (C. Benson)
- 73 IRENE NELSON (B. Jones)
- 73 MALAYSIA (J. Ghio)
- 71 FIREWATER (K. Keppel)
- 68 HEATHER BLUSH (B. Hamner)
- 68 SUN CITY (B. Hamner)
- 67 CHARISMA (C. Blocher)
- 65 LACY SNOWFLAKE (Schreiners)

AWARDS OF MERIT

STANDARD DWARF BEARDED

- 69 PEPPER MILL (B. Hager)
- 68 SAPPHIRE GEM (H. Schmelzer)
- 63 QUEEN'S PAWN (B. Jones)
- 43 CLAY'S CAPER (B. Hager)
runnersup
- 40 COMBO (B. HAGER)
- 40 COPENHAGEN (H. Nichols)
- 40 HAMMERED COPPER (E. Roberts)
- 39 LITTLE MISS MUFFET
(M. Hamblen)

BORDER BEARDED

- 84 INNER CIRCLE (J. Ghio)
- 75 PINK LOLLIPOP (J. Marsh)
- 72 LITTLE ADMIRAL (E. Burger)
runnersup
- 64 POCKET SIZE (G. Plough)
- 57 SCUPPERNONG ROSE
(A. Hickerson)
- 54 FRILLS (B. Roe)
- 52 BETHANY (G. Corlew)

INTERMEDIATE BEARDED

- 102 BOY WONDER (J. Ghio)
- 86 RASPBERRY BONNET
(M. Hamblen)
- 69 HAGAR'S HELMET (H. Nichols)
runnersup
- 60 SNOW FESTIVAL (C. Palmer)
- 59 VIRTUE (J. Gatty)
- 51 BATTLE SHOUT (J. Boushay)
- 46 MAIDEN LANE (R. Pettijohn)

HONORABLE MENTION

TALL BEARDED

votes

- 383 BEVERLY SILLS (B. Hager)
241 COPPER CLASSIC (E. Roderick)
193 SONG OF NORWAY (W. Luihn)
184 ST. LOUIS BLUES (Schreiners)
154 SHEER POETRY (D. Palmer)
110 WELL ENDOWED (J. Ghio)
108 LEMON PUNCH (J. Gatty)
100 TUT'S GOLD (Schreiners)
97 VIVIEN (K. Keppel)
95 WILD WEST (J. Ghio)
91 GOOD MORNING AMERICA
(N. Sexton)
89 FROSTY JEWELS (J. Burch)
85 MARMALADE (K. Keppel)
84 DEEP FIRE (Schreiners)
66 AN-JAN (L. Bellagamba)
66 RINGO (G. Shoop)
62 MIRRORED SKY (D. Palmer)
60 BETTERMINT (J. Ghio)
60 GENEROSITY (K. Keppel)
60 SQUARE DANCE (K. Mohr)
56 ERLEEN RICHESON (E. Roderick)
50 HEAVENLY ANGELS (J. Gatty)
50 MARASCHINO (K. Keppel)
49 AZURE LIGHTS (R. Nelson)
48 LILAC FLAME (M. Hamblen)
47 MIRROR IMAGE (B. Hager)
46 ANGELS' ROBES (B. Williamson)
44 PORTRAIT OF LAURIE
(L. Gaultier)
43 CELESTIAL BALLET (K. Mohr)
42 LEMON CREST (N. Rudolph)
42 PACIFIC MIST (Schreiners)
42 REGENTS' ROW (D. Denney)
41 CHINA DRAGON (G. Shoop)
39 EMMANUEL (J. Boushay)
38 MIRROR MIRROR (J. Gibson)
35 MUTED MELODY (B. Brown)

votes

- 38 TARDE (R. Dunn)
34 BEYOND (J. Gibson)
34 STORM CENTER (Schreiners)
33 SNOWY WONDERLAND
(O. Brown)
33 WOODCRAFT (K. Keppel)
32 MIDNIGHT LOVE AFFAIR
(J. McWhirter)
31 LIFTOFF (D. Saxton)
30 BRIDAL WREATH (J. Weiler)
30 LOVELY LOIS (T. Muhlestein)
30 STITCH IN TIME (Schreiners)
29 BARELY BLUE (Ev. Kegerise)
29 BARTEE BLUE (M. Connally)
29 FAR GALAXIES (S. Babson)
29 FREEDOM ROAD (G. Plough)
29 LOVE CHILD (F. Knocke)
28 AGNES MOOREHEAD (C. Benson)
28 BONNEVILLE SURF (M. Hamblen)
28 CHIFFON BONNET (N. Randolph)
28 CORAL CLOUDS (M. Hamblen)
28 HORNY LORRI (B. Hager)
27 BLUE MOUSTACHE
(C. Protzmann)
26 ANGELIC LIGHT (Ev. Kegerise)
26 BOLD ACCENT (O. Brown)
26 CHIPPENDALE (D. Denney)
26 IDA RED (B. Clark)
26 PACIFIC PEACH (W. Luihn)
26 STAGE DOOR (G. Corlew)
25 ENCHANTED WORLD (Schreiners)
25 JAMAICAN SUNSET (D. Mohr)
25 LILAC THRILL (D. Niswonger)
25 ORANGE GLAZE (J. Gibson)
25 PACIFIC SHORES (S. Babson)
25 PEACHTREE (D. Mohr)
25 ROYAL BALLET (K. Mohr)

BORDER BEARDED

- 107 DESPERADO (K. Keppel)
69 BUTTER GIRL (M. Hamblen)
50 INTY GREYSUN (A. Ensminger)
25 QUIET PRAYER (M. Wolff)

- 23 MERRY MELODY (D. Palmer)
21 ARRANGER'S DELIGHT
(B. Tolman)
21 GOLD POT (D. DeHaan)
18 LACYCOT (T. Muhlestein)

HONORABLE MENTION

MINIATURE TALL BEARDED

- 52 LEMON FLIRT (M. Dunderman)
32 FAIRY LACE (M. Dunderman)
29 CANARY QUEEN (D.O. Rawdon)
26 GINGER COOKIE (E. Terrill)
22 BLACK LADY (D.O. Rawdon)

- 17 ALMOND SPICE (B. Dunbar)
16 SWEET MELISSA (F. Williams)
14 SURPRISE BLUE (M. Dunderman)
13 VIOLET ROSE (D.O. Rawdon)
11 SALLIE LIGHTFOOT (J. Witt)
11 SLIM JIM (F. Williams)

INTERMEDIATE BEARDED

- 79 SILENT STRINGS (P. Dyer)
73 SCOUT'S HONOR (J. Gatty)
57 OF COURSE (B. Hager)
44 VERSE (J. Gatty)
43 VISA (J. Gatty)
40 LOOKIN' GOOD (B. Hager)

- 38 IN THE BUFF (R. Sobek)
30 COUNTRY DEEJAY (C. Lankow)
21 COOL WHIP (B. Tolman)
17 DUSTY MOON (F. Dyer)
17 MAY PRINCESS (H. Nichols)
16 SPRING THRILL (L. Zurbrigg)
15 HELLO THERE (D. Anderson)

STANDARD DWARF BEARDED

- 115 MICHAEL PAUL (W. Jones)
79 RAIN DANCE (B. Jones)
55 APRICOT ELF (M. Hamblen)
41 CUBAN CUTIE (P. Dyer)
39 BETTY WOOD (S. Varner)
31 JADE MIST (P. Dyer)
23 BLUE BUMBLE (A&D. Willott)
23 MISTER ROBERTS (A&D. Willott)
23 TOY PARADE (J. Gatty)
23 YO-YO (Schreiners)
22 TIDE POOL (K. Keppel)
19 CAT'S WHISKERS (A&D. Willott)
19 CHESTNUT LULLABY (H. Nichols)

- 19 CITRON ICE (A&D. Willott)
18 CHARTREUSE BABE (K. Shaver)
18 HAPPENING (B. Hager)
16 CRYSTAL BUBBLES (B. Hager)
16 EMMA PEDERSON (L. Bierman)
16 GENTLE SKY (B. Warburton)
16 MISS REGION TWENTY-ONE
 (A. Ensminger)
16 TRULY (B. Warburton)
15 BABY BLESSED (L. Zurbrigg)
15 BUTTERCHIP (H. Hite)
15 DONKEY SERENADE (R. SOBEK)
15 FIRE ONE (G. Plough)

MINIATURE DWARF BEARDED

- 83 ZIPPER (D. Sindt)
51 PIXIE PINK (J. Boushay)
47 BETTY EMMONS (C. Palmer)
27 GREY PEARL (B. Hager)
20 LITTLE CHARGER (H. Hite)
16 YELLOW PEACHES (H. Hite)

- 13 BLENDED BLUE (F. Dyer)
13 WEE SOONER (F. Dyer)
12 DARK MEMORIES (H. Hite)
12 LITTLE TEASER (H. Hite)
11 TANNED SUNSHINE (H. Hite)
11 WEE MOONLIGHT (F. Dyer)

ARILBRED

- 52 PROPHETIC MESSAGE
 (H. Nichols)
40 LITTLE ELMOHR (L. Christlieb)

- 28 SENTIMENTAL (D. Foster)
22 MARILYN A. (M. Heisz)
17 MERRIGLOW'S DAUGHTER
 (L. Peterson)

HONORABLE MENTION

ARIL

- 29 ZEMIRA (L. Rich)
20 DESERT PRINCESS (L. Flanagan)
15 FALCON FLIGHT (L. Flanagan)
15 SMOOTH AS SILK (M. Rogers)
13 FAVORED CHILD (L. Peterson)
12 JUDAS (H. Shockey)
-

- 12 MOHR PRETENDER (L. Rich)
10 IBERIAN QUEEN (J. Holden)
10 MAYFEST (L. Flanagan)
10 SALADIN'S LAND (M. Rogers)
10 SHIFTING SANDS (L. Flanagan)
10 SON OF MERRIGLOW
(L. Peterson)

SIBERIAN

- 82 NEW WINE (S. Varner)
50 DEAR DIANNE (C. McEwen)
33 MAGGIE SMITH (W. McGarvey)
30 FROSTY RIM (G. Bush)
30 NIGHT BREEZE (C. Wyatt)
27 SHIRLEY POPE (C. McEwen)
27 SOFT BLUE (C. McEwen)
26 RARE JEWEL (S. Varner)
-

- 23 BORBELETA (J. Wadekamper)
23 ROSACE (B. Warburton)
23 YANKEE DOODLE BOY
(W. McGarvey)
19 CHRISTMAS WISH
(L. Bellagamba)
17 AVON (S. Varner)
15 LYDIA WINTER (W. McGarvey)
11 BELFAST (S. Varner)

LOUISIANA

- 58 EASTER TIDE (C. Arny)
41 SHRIMP LOUIS (B. Hager)
32 BUTTERMINT LACE (R. Goula)
30 CHARLIE'S ANGEL (C. Arny)
25 COLORIFIC (J. Mertzweiller)
-

- 22 VOW (J. Ghio)
19 LAVENDER RUFFLES (R. Goula)
14 HAZEL MONETTE (W. MacMillan)
14 LUCILE HOLLEY (C. Arny)
13 YELLOW FEVER (W. MacMillan)

CALIFORNICAE

- 40 DEL REY (J. Ghio)
34 CALIFORNIAN (J. Ghio)
24 LAS FLORES (J. Ghio)
14 CALIFORNIA SUNSHINE
(J. McCaskill)
-

- 14 HALF TIME (J. Ghio)
11 MISSION MUSIC (J. McCaskill)
10 HIDDEN SHADOWS
(V. McCaskill)

SPURIA

- 72 ADOBE SUNSET (E. McCown)
72 SOCIAL CIRCLE (G. Corlew)
66 REDWOOD SUPREME
(D. Niswonger)
-

- 37 LOOKINGGLASS EYES
(D. Niswonger)
17 BRACERO (M. Rogers)
15 ARC LIGHT (B. Tolman)

JAPANESE

- 30 RASPBERRY RIMMED
(C. McEwen)
-

- 12 ROYAL RAMPARTS (W. Marx)
11 DAWN HORIZONS (B. Hager)
10 HAPPY FAUN (S. Hirao)

IRIS SLIDES FOR RENTAL

AIS maintains excellent sets of iris slides that may be rented. Each set has about 100 slides, 35mm size. Ideal as a program for iris or garden club meetings, they are a fine way to study and enjoy new and old irises or see rare, exotic and unusual species. To order, see details at end of list.

SLIDE SETS AVAILABLE

IRISES FOR EVERY GARDEN—Nice for garden clubs, this set includes an assortment of both bearded and beardless, the 25 leading TBs from the Popularity Poll and sketches for planning garden settings.

IRIS THROUGH THE SEASONS—Follows the iris around the calendar, in house and garden.

MANY TYPES AND COLORS OF IRISES—Bearded, bulbous, beardless in their great variety.

BEARLESS AND BULBOUS—Species and cultivars other than bearded: Bulbous, Junos, Crested, Spurias, Siberians, Louisianas, Western Natives and Japanese.

JAPANESE IRISES—Slides of exotic beauties contributed by Adolph J. Vogt.

LOUISIANA IRISES—Based on contributions from C. W. Arny, Jr. and Mary Dunn, it includes species, arrangements, and the development of Louisiana irises.

SIBERIANS AND SPURIAS—Both species and cultivars of these beardless

THE WILD ONES—Iris species from around the world.

THE OTHER BEARDED IRISES—Other than tall bearded: Dwarfs, Medians, Arils, Arilbreds.

DWARF IRISES—Old and new miniature and standard dwarf bearded irises.

THE MEDIANS—Standard dwarf bearded, intermediate bearded, miniature tall bearded and border bearded irises.

ARILS AND ARILBREDS—Survey of aril and arilbred species and cultivars.

DYKES: GENUS IRIS AND DYKES MEDAL WINNERS—Slides from the color plates of W. R. Dykes' *The Genus Iris*; sampling of English, French and early American Dykes Medal winners; all American winners since 1939.

THE POPULARITY POLL—The 100 favorite tall bearded irises presented in the order chosen by AIS members.

THE NEW RELIABLES—Popular, less expensive, bearded irises that have stood the test of widespread distribution; garden scenes.

RECENT AWARD WINNERS—Tall Bearded Award of Merit and Honorable Mention winners selected by judges in the past three years.

THE NEWEST IN IRISES—Recent introductions; most slides made by the hybridizers in the irises' home gardens.

THE DESCENDANTS OF PAUL COOK'S FAMOUS PROGENITOR—A new set delineating progress in bicolor and amoena breeding; with commentary and a genealogical chart.

THE MARK OF QUALITY—Slides of fine irises, selected as above average photographs.

MICHIGAN CONVENTION 1976

SAN JOSE CONVENTION 1978

HUNTSVILLE CONVENTION 1979

TULSA CONVENTION 1980

ST. LOUIS CONVENTION 1981

FLOWER ARRANGEMENTS FEATURING IRISES—Sets of slides with iris arrangements.

IRISES IN THE VISUAL ARTS—European, Oriental and American paintings, arts and crafts that includes irises.

TO ORDER: Requests for slides should be made well in advance for proper scheduling, preferably 30 days or longer. State the exact date desired, so that the slides can be sent insured airmail, and include a second choice date, if possible. Some sets may be especially popular or booked well in advance, so give a second and third choice, if optional. Send your complete address, including zip code. Slides are to be returned insured airmail, the next day after use. A check for \$5.00 (for set of 100 slides), payable to the American Iris Society, must accompany each order, except for the one free program per year for each Affiliated Society.

Mail to: D. C. Nearpass, Slides Chairman, 9526 50th Place, College Park, Maryland 20740

The following article was sent to Kay Nelson by Bill Schortman, shortly before he passed away. In an accompanying letter to her, he described memories: ". . . As you know, I will be 91 March 9th . . . so many years have gone by from the horsecars in N.Y. and seeing the first auto, a three-wheeler from Mass. . . . If I can keep my health, I intend to write up my life this summer . . ." We all will miss the distinguished irisarian, but gladly publish the following notes, with appreciation to Kay Nelson for forwarding these . . .

HYBRIDIZING MEMORIES

W. B. Schortman, CA

In the summer of 1924, we had just moved into our new home. A letter came from Kundred Nursery, Indiana, with a color picture of four irises—QUAKER LADY, MONSIGNOR, MDM. GAUDICHAU and MAGNIFICA.

I had irises before, but these were different and more interesting than those purple flags. The price was \$2.50 for the group, so we ordered. When they were opened, one of the roots was soft and had a white borer inside.

They were all planted. The next spring, all grew well and bloomed. What a surprise! They were beautiful! Neighbors and friends came to admire these new "flags." I had some explaining to do—they were irises.

Soon even the bees became interested. A short time after the blooms wilted, the lower part of one started to enlarge. After ten days or so, I opened the pod and saw the seeds. Now the secret was out.

As a boy, I had learned about corn silk on the ear and was told that without the corn silk, there would be no corn, but this was different. I watched the bees after this, and how they worked their way down the bloom for nectar. They came back with the ripe pollen on their bodies, and as they entered the next flower, the pollen was staying on the moist lip of the stigma.

It all looked simple, so I picked a few pollen stems and chose the flower to put it on. No problem. I ended up with four pods. When the pods cracked open, the seeds were taken out and dried. That fall, the seeds were planted $\frac{3}{4}$ inch deep.

My dad had a large vegetable garden and always planted seeds three times the diameter of the seed deep. In the spring, the seeds germinated and grew large enough to transplant. We ended up with 80 plants in 1927.

All bloomed, and although there were some differences in the colors, the falls were still narrow and all had some markings, but I had learned how to hybridize.

Some ten plants were saved, and before any hybridizing was done, all that I saved was eight plants that I had picked as better or different than the plants I started with. Some were crossed back to the originals and others and others seedling x seedling.

I learned of other iris people in our county, and visited their gardens at bloom time. Each year, a few new irises were added. The dominant color was purple, so I stayed in that color range, then added the blues, yellows and red colors as I went along. It was my plan to cross blues to blues, etc. Never have made any wide crosses. In later years, however, I learned that some of our friends made these wide crosses and did produce some very fine irises.

As years of crossing went by, my plot had about 800 plants, mostly seedlings. Colors were getting cleaner, and the flower parts were wider, showing improvement each year. While reading a magazine, I came across an AIS ad from Tennessee. I wrote and joined.

The Bulletin was read cover to cover, and, to my surprise, I read and learned of the experiences of the Sass brothers, Milliken, Mohr, Salsbach and others—and that I was doing about right. I bought the book IRISES by Randolph in 1959 and learned what irising was all about—and that two of my irises were mentioned.

On one of our trips to San Francisco, my wife, Erma, and I stopped at Berkeley to visit the Salsbach garden. There we saw SNOW FLURRY for the first time and, with several people, admired the beautiful white ruffled iris that Miss Ruth Reese had brought from San Jose. This was the first ruffled iris that we had ever seen, and we obtained one as soon as it came on the market. This iris was one of the parents of all the early ruffled irises and should have received the Dykes Medal.

Our next stop was nextdoor to the Salbachs, where we met Sidney and Rose Mitchell. Sidney was on a stool with his book, and Rose was gathering pollen and placing it on the blooms under his direction, since he had some leg troubles.

We noticed that they had quite a few plicata irises here—SAN FRANCISCO, LOS ANGELES, ALAMEDA, SACRAMENTO and others.

The following year, we had a letter from the Sidney B. Mitchell Iris Society, inviting us to a meeting at the Larry Gaulter home in San Leandro. We met the group and enjoyed them.

Later, while tending my iris garden I met a young man who came to see my irises. He told me that he taught at the high school and lived two blocks away. He turned out to be James Gibson; we became close friends and talked irises ever since.

On our next trip to Berkeley, James and his wife, Edna, were with us, and we visited the Mitchells and their garden at bloomtime. I think it was then that James got the plic bug. He has stayed with plicatas to this day and deserves much credit for his beautiful ruffled irises.

By 1952, there were some 2,000 seedlings in our patch, many in light blue, and it was quite a job to pick the best one, so James and I picked one. It was named SIERRA SKIES and registered in 1952. In the gardens at Salt Lake City for the AIS convention, it won the Award of Merit in 1954. We showed PATIENCE at Salt lake City and won the AM in 1955. PATIENCE was a magenta-red, and, so far as I know, this color in irises has not been duplicated. POLKA TIME, a light ruffled blue with SNOW FLURRY genes named in 1957, and INDIGLOW both also won the Award of Merit.

At the AIS convention in Kansas City, Mrs. Hamblen and I were both awarded the Hybridizers' award, and when we returned from KC, we had a notice that INDIGLOW had won the Firenze in Italy. I was proud of these awards, and though I continued to hybridize, I was cutting back on my work. I enjoy what I do. If I get a seedling that proves better you will hear about it.

I remember the beginning of line breeding red irises. By 1939, they were all very dark and had brown or purple in their makeup. When I saw a red iris pictured in a catalog, I almost decided to quit the reds and try amoenas. The best at that time was WABASH by Williamson. Paul Cook was working with them and turning out nice things.

My red line included PRETTY REDWINGS, a wine red self, named in 1955; PATIENCE, magenta AM winner, 1953; SEEING RED, 1955, named the best red in Florence; APOLLO RED, 1972, best red in Florence; CARDINAL IN FLIGHT, 1978 and SCHORTMAN'S GARNET RED, 1980.

In 1955, one red seedling showed some ruffling; by using it and the best ruffled one each year, I hit the jackpot with SCHORTMAN'S GARNET RUFFLES. (Ed.—Many other fascinating details from this indomitable hybridizer were included, but due to spacial limitations, we skip to his descriptions of methodologies of rooting irises.)

A box frame, made of 1"x12" rough lumber, 3'x12' with no bottom, is lined with plastic. The box frame is filled with shavings from a carpenter's shop. All roots are cut off of the rhizomes and placed about three to four inches apart in rows with tags and watered.

Once a week, I check to see that there is one inch of water in the bottom to keep the shavings moist. The first week, new roots will start to appear, and in four weeks, the rhizomes will have a new set of roots ready to plant out.

Here, we have no rain to speak of from April to October. In regions where there is rain during the summer, it would be advisable to lay a sheet of plastic so you would have drainage. I use this system when I need the plot where the seedlings were, and replant them a month or so later. You will be surprised how fast you will have a new set of roots. I use this on any iris that I get from other gardens.

(ED.—There was much more to Mr. Schortman's material, but we are restricted due to space. His outstanding iris creations will speak volumes for themselves and honor his memory.)



GARNET RUFFLES

GIFTS TO THE AMERICAN IRIS SOCIETY

January 1, 1981 to June 30, 1981

MEMORIAL GIFTS FOR:

BERNIE W. BRANUMN

David & Barbara Schmeider (MA)

MRS. JULIA BURCH

Huntsville Chapter AIS (AL)

Mrs. B. W. Branum (AL)

JOHN H. DRAKE

Louisville Area Iris Society (KY)

DICK EBBERS

Central Valley Iris Society (CA)

W. V. GOLLADAY

Central Valley Iris Society (CA)

Sequoia Iris Society (CA)

GLENN F. HANSON

Fond du Lac Iris Society (WI)

HARRY M. HAYS

Pittsburgh Iris & Daylily Society (PA)

MRS. LES PETERSON

Ronald Mullin (OK)

MAXINE STANG

Dan & Jayne Overholser (IN)

Louisville Area Iris Society (KY)

ROBERTA W. TORREY

Ronald Mullin (OK)

Burdella Rhodes (OK)

Wichita Area Iris Club (KS)

Richard & Carol Ramsey (KS)

GIFT HONORING:

MR. & MRS. WILLIAM BARR

Garden Club of Harford County (MD)

OTHER GIFTS:

- *Mrs. Bernard Lowenstein (NM)
- Robert Paul Hopkins (PA)
- *Eunice Carter (CA)
- *Mr. and Mrs. Arnold Hoegermeyer (NE)
- *Patricia Shirley (CA)
- *Helen L. Hallock (KY)
- *Virginia C. Read (PA)

**Special purpose gift*

AIS MEMBERSHIP RATES

Annual.....	\$ 9.50	Sustaining	\$ 20.00
Triennial	23.75	Research.....	47.50
Family	11.50	Life	190.00
Family Triennial	28.50	Family Life	237.50
Youth member, with others of family as members			2.00
Youth Member, with no others of family as members ...			3.25

SECTION MEMBERSHIP RATES	single	single	family	family
	annual	triennial	annual	triennial
Median Iris Society	2.50	6.25	2.75	7.50
Society for Siberian Irises	2.50	6.50	3.00	7.50
Spuria Iris Society	2.50	6.00	3.00	7.00
Society for Japanese Irises.....	2.00	5.00	2.50	6.00
Reblooming Iris Society	3.00	7.50	4.00	10.00
Society for Pacific Coast				
Native Iris	4.00	10.00	5.00	12.00
Species Iris Group of				
North America	3.00	9.00	6.00	18.00
Louisiana Iris Society of America	2.00	5.00	2.00	5.00
Dwarf Iris Society	2.00	6.00	3.00	9.00

Membership in AIS Sections is open to all AIS members. Payment may be made directly to the Section, or may be made payable to the American Iris Society and sent to AIS Membership Secretary, Ronald Mullin, Route 3, Pawnee, OK 74058. Note: Section memberships and AIS memberships must have the same expiration date.

THE NAME GAME

Cats In The Iris Patch

Dorothy A. Willott

The Willott association with feline names began quite casually. We had an iris with beige standards, soft brown falls and medium blue beards. The colors were so close to those of a Siamese cat we named it SIAMESE KITTEN (Willott 72 SDB). People who grew this iris kept asking if we had any more cats (as opposed to dogs maybe?). Consequently, we introduced MALTESE KITTEN (Willott 75 SDB) which is greyed violet-blue with light brown spots. Next was CAT'S WHISKERS (Willott 78 SDB), yellow with darker rays around the beards.

At this point our nephew gave us a Christmas present of a beautiful book about all kinds of cats. With all this additional information we were able to come up with two more SDB cats in 1979. These were BRITISH BLUE, a muted blue with blue beards, and WHITE PERSIAN, ruffled white with light blue spots. In 1981 we switched to IBs to carry on the cat theme. One is LILAC POINT which has touches of violet around the beards and in the hafts on a creamy white ground, similar to markings on a form of Siamese cat. The second is CARACAL, a different plicata in gold tones with a little violet thrown in, which is named for a rare Middle East lynx.

1982 will bring a switch down to an MDB. We just received approval for the name PUSSYTOES to be given to a six inch, cool white seedling (78-261) that has cute round falls.

We are not the first to get involved with cat names, however. Back in 1958 Arny named a Louisiana iris PUTTYTAT. And in 1967 Schmelzer introduced the MDB PUSSYCAT. Taking it a step further was Tompkins' 1969 TB introduction PINK PUSSYCAT. More recently there have been KITTEN KAPERS (Hager 72 SDB), COPY CAT (Ghio 74 BB) and PINK KITTEN (V. Wood 77 IB). Undoubtedly there are others in the records. So, you see, even if you can't have a cat in the house, you can have one (or more) in the garden.

A CONVENTIONAL INVITATION

Colorado wishes a very cordial welcome to one and all to "Rendezvous in '82" for the annual national convention of the American Iris Society. Convention headquarters will be the Hilton Hotel in the downtown area of Denver. As many already are aware, there is much to see and savor out here in the "high country".

With the majestic Rocky Mountains as a background, Region Twenty invites visitors to experience our great climate and scenery and join us on Thursday, June 3rd through Saturday, June 5th for a tour of the extensive iris plantings at Denver Botanic Gardens. A display of over a 1,000 iris cultivars, carefully recorded, labeled and planted by Guest Iris Chairman, Mary Ann Cuthbert, are centrally located. Complimenting these iris beds are surrounding attractive annual and perennial plantings, newly designed gardens containing roses, peonies, herbs, alpine plants, a woodland area, a Scripture garden, and a peaceful authentically developed Japanese garden. Spacious lawns, many varieties of trees, waterfalls, streams and ponds further high-light the scene. Indoors, the conservatory and the newly completed Orchid-Bromeliad Display House have much to draw the visitor as does the fascinating gift shop offering many handmade Colorado items.

Predominating in the guest iris plantings are Tall Bearded irises although, several other classes may also be found such as Standard Dwarf, Intermediate, Border, Miniature Tall, Arilbred and a fine collection of Siberian and Spuria iris (capably planted by Harry Kuesel). There will also be a planting of Japanese iris. A bed specifically planted with the introductions of Colorado hybridizers will be a feature. Plantings have been laid out in rectangular form, 24 in all, with walkways circling each bed. To further assist conventioneers with their enjoyment of these plantings, buses will shuttle each day from the hotel to the Gardens.

Those of us who saw the Denver Botanic Gardens during June were pleasantly surprised by the high percentage of bloom in the guest iris beds. Some 140 hybridizers from 30 states will be exhibiting. Bloom from iris seedlings and introductions by well known growers such as Opal Brown, Joseph Ghio and Melba Hamblen were much in evidence during this preview year of 1981.

From Opal Brown we noted two of her superbly laced seedlings: #78-3B5, a lovely pure white with a bright red beard and #77-1A5 a vision in pastel coloring set off with a burnt orange beard and enhanced with lacy edges.

Three of Joe Ghio's 1982 introductions were much admired—BUBBLING OVER was gorgeous in light violet with the most luscious lacing throughout. TOASTED ALMOND was a beautiful combination of light tan and vanilla with an infusion of lavender and just the right amount of lace to appeal. Ruffling ever so nicely was PARIS ORIGINAL, in deep cranberry-orchid.

Putting one in mind of an old favorite, JAVA DOVE, was a lovely seedling of Melba Hamblen's, #75-103A. This seedling had excellent form and beautifully blended colors that we were immediately aware of the high standards Mrs. Hamblen has brought to her introductions. Throughout the guest plantings other fine irises displayed their appeal giving the visitor that special feeling that comes when one realizes they are seeing a unique garden.

Take note of the dates, mark your calendar, and come and join us in the Colorado sunshine. We extend a hand to greet you, wish you a grand time while you are here, loads of spectacular iris to see and evaluate, many new acquaintances and the memory of a lasting experience.

Anne Johnson



Denver Botanic Gardens—guest iris planting with fountain, falls and waterway

Hoping for peak bloom within sight of Pike's Peak, conventioneers will visit the McCarthy Garden, right, and the Wooten Garden, below.





Region 20 iris fans preview the Convention '82 guest plantings in the gardens of Mr. and Mrs. Ed Varnum.



1982 GARDEN HOSTS



Above, Col. Max and Oretta McCarthy. Right, Ed and Emilie Varnum. Below, Col. Clyde and Ruth Wooten.



FROM COLORADO SPRINGS

PREVIEW OF CONVENTION '82

**Lee Shoemaker, President
Elmohr Iris Society**

The three private gardens hosting the Convention '82 guest irises were quite impressive, considering first year plantings in our rarefied atmosphere. Since you may be unfamiliar with Colorado topography, the elevation of Colorado Springs is approximately 6200 feet or 1200 feet higher than that of Denver and Fort Collins. This difference in altitude has a definite effect on the growth characteristics of all plant life, and additionally we are more susceptible to sudden climatic changes. This grandiose dissertation on local environmental conditions all goes to say—your guest irises looked mighty good here at the foot of Pikes Peak, in spite of late freezes and spring hail storms!

Utilizing the gardens of three members of our Elmohr Iris Society for the Convention plantings came about after our original site went down the tube, so to speak. All arrangements had been completed, including ground preparation for a large Convention garden on the beautiful grounds of a local retirement complex. Just weeks before the first guest irises were due, the retirement complex had severe financial problems and went into bankruptcy. After exhausting a lengthy list of possible alternate sites, three members of our Society, who live very close to each other, graciously volunteered to accept the guest irises in their private gardens. We feel you will really enjoy viewing them in the three beautifully landscaped yards.

I was privileged to view the guest irises in Denver and Fort Collins this spring, as well as those planted locally, and can report excellent growth and rate of bloom. In every garden there were raves over Anderson's DAZZLING GOLD which stands out like the proverbial neon light. Another receiving raves was PETALUMA from Denny—a gorgeous burgundy and beige creation with excellent height,

branching and blooms. Others I liked were two pinks—**BASHFUL BRIDE** by Roderick and Plough's **PINK RIST**. Dave Niswonger's **CORAL STRAND**, introduced in '77, was outstanding—great color combination, fine branching and many blooms. Ghio's Seedling 76-243K, a large white and yellow ruffled flower, was also a crowd pleaser. Another beautiful seedling, H 502-G from Schreiners was a heavily ruffled, light-lavender self which performed admirably over an unusually long bloom cycle, during which we had both rain and hail. **TOP BANANA** by Gadd was another beauty.

This is only a sampling of the hundreds of truly fine new irises you'll be seeing in Colorado in '82. And now to pique your interest even more—you're scheduled for luncheon in Colorado Springs at our world-famous and very beautiful Broadmoor Hotel. This prestigious resort hotel was originally constructed in 1897 but was subsequently destroyed by fire. Spencer Penrose, one of many early day settlers in this region who made millions on Colorado's gold, rebuilt the Broadmoor in 1918, and from that year forward it has been rated as one of the finest hotels in the world. Luncheon here will surely be one of the real highlights of your Convention.

Harry B. Kuesel

Longs Gardens, at the gateway to the Rockies in Boulder, will be one of the tour gardens on the 2nd day of the convention. This is Colorado's oldest iris nursery, having been in continuous operation for 76 years. Everett Long, his delightful wife, Ann and daughter, Mrs. Dennis (Cathy) Gates will be our hosts. Dennis keeps a low profile but will be sure to be helping, too. The sight of the fields of bearded irises of every color and description that you will see here is not soon to be forgotten. With a backdrop of Bear Peak and the flatiron rock formation to the west and south, there is no place in irisdome quite like it for spectacular beauty.

Here you will find the cream of the Schreiner Iris introductions **EASTERTIME**, **HOT LINE**, **LORILEE**, **SCINTILATION** and the largest iris I saw this year—the huge **TITAN'S GLORY** and **PIPING HOT** were all in good bloom. You will also find plenty of seedlings from Joe Hoage who is pursuing the elusive search for green, and Jack Durrance who likes his beards wide and bright, especially blue ones.

Carl Jorgensen has been the founder, mentor, curator and cultivator of the Colorado State University iris trial gardens at Fort Collins for more than 20 years. This extensive planting was also seen at the A.I.S.



Long's Gardens

1963, and 1967 conventions, but the location is a few hundred yards to the west and north where there is better drainage and air circulation. Carl sure knows how to grow his irises and you will be impressed with his weed control measures which are very effective for such a large planting.

Since retirement he has had more time to develop new strains particularly in the orange, pink, and orchid color ranges. There is an entirely different view of the Rockies from Ft. Collins than from Denver, Boulder or Colorado Springs. Mount Meeker adds its imposing presence and the Mummy Range is also clearly visible. This inspired the Jorgenson Summit series—SUMMIT FLAME, SUMMIT VALENTINE, SUMMIT SOL etc. in TBs. Carl's newest orange-yellow bicolor AMY RENEE is a border iris sure to please.

All of the Colorado hybridizers have been sending their irises here for evaluation and Tom Magee's COLORADO SUNSHINE, Caroline Wedow's PINK SWIRL, Cathy Long's HIGH STEPPER and FIRENZE FROLIC are just a few that will be seen here. Colorado State University is also the site of our luncheon stop on the second day.

Experiences with bacterial soft rot

Robby Browne, TN

Associated with excessive rains and high humidities, an iris disease commonly called bacterial soft rot is the result of the growth of the bacterium *Erwinia caratovora*. A related bacterium, *Erwinia amylovora*, causes fire blight on apples and pears.

My own experience with bacterial soft rot began three years ago when an entire bed of nearly 200 square feet became its victim. Treatments with an Agri-cycin (Agricultural Streptomycin) -water solution proved ineffective, as well as dustings with Comet cleanser, agri-sulfur, and powdered gypsum. At one point, I even tried Lysol spray which too seemed only to slow the action of the organism.

With fans dropping right and left across the infected bed—a scaled down version of Sherman's March to the Sea,—I took a rotten fan to Dr. Joseph Layne, a Memphis State University microbiologist. A dozen cultures later, Dr. Layne found that this difficult to control marauder was indeed *Erwinia caratovora* and that only four bactericides he used would kill it. Of these four bactericides, aureomycin, carbinicillin, Argri-mycin, and tetracycline, the latter (tetracycline) is the most effective and Agri-mycin requires increased dosages (1 tbsp./gal.) to be effective.

Briefly, this bacterium as a by-product produces a pectinolytic enzyme which digests pectin in irises. It is this same pectin that is used in homemade jams and jellies. Pectin is the intercellular cement of plant cells. Thus, an infected fan collapses due to complete loss of vascular structure and the rhizome becomes a smelly mush.

Erwinia caratovora is one of several pectin digesting bacteria that are very common in the soil. These bacteria also cause soft rot in potatoes, carrots, and other root vegetables. Yet, this type of bacterium is helpful in the production of linen from flax. Tied blundles of flax stems are submerged in ponds or slowly flowing rivers. The bacteria invade the flax, digest the pectin leaving the fibers for the linen. This process is called retting.

TREATMENT

As stated above, tetracycline seems to be the most effective of the bactericides investigated. Under laboratory conditions this bacterium has been stopped with dosages of 10 micrograms/ millimeter, although dosages of 25 micrograms/ millimeter is recommended for actual outdoor use. One explanation for tetracycline's effectiveness is a tendency toward deeper absorption into plant tissues.

In layman's terms, one (500 micrograms/cap.) capsule of tetracycline per 5 gallons of water may be used as a spray, drench, or soak. However, I have learned that using this solution as a drench on a clump of irises infected with *Erwinia* actually does greater harm. Irises possess a natural ability to fight diseases by isolating the infection and producing a layer of cork cells between the infection and the healthy, living tissue. But heavy rains and drenches of this solution reduce the oxygen supply in the soil necessary for cork cell formation by the iris plant.

With the "solution" to bacterial soft rot nearly as bad as the condition, I set out to find a better means for achieving the benefits of tetracycline without the difficulties brought on by the large amounts of water. First, I mixed tetracycline with vaseline and applied this ointment to the infected rhizomes after the routine cleaning out of the infected area. This treatment worked except that few microbial organisms (microbes) are capable of digesting vaseline, leaving a residue on the rhizome. Also, high temperature in conjunction with the vaseline tends to injure the rhizomes. Then, I tried lanolin because I was sure that there had to be some means with which to hold the tetracycline to the injured, infected area of the rhizome. Unfortunately, this preparation (lanolin & tetracycline) had an unfavorable reaction. Although I did not pursue it, this preparation could have somehow become an inoculum and thus a potential source of spreading the disease.

Pondering a moment, I decided to try glycerine and tetracycline—and hurrah! This mix works well and is more biodegradable than vaseline. After a recent talk with David Silverberg of New Jersey, we saw several distinct advantages to glycerine:

- 1) The tetracycline requires water to be activated and glycerine being a dehydrating agent pulls sufficient water content from the rhizome to activate it;
- 2) The superficial dehydration of the rhizome should promote cork cell formation. Preparation of glycerine, tetracycline and water

(separate from the rhizome) proved afterwards to be less effective than the *without* water mixture. Presently, the effective "ointment" consists of 4 fluid ounces of glycerine to one (500 mg/cap.) capsule mixed with a "corn dog stick." This mixer is also a very good applicator because the preparation is runny enough to dribble down the stick to nearly any site on the rhizome.

CAUSES

Erwinia caratovora is considered a secondary pathogen, in that the bacterial infection enters an injury to the iris plant. These injuries are caused by iris borers and other insects, the natural splitting of iris leaves at the base of the fan as the increases develop and by cleaning dead foliage too closely. Where the condition developed in my garden, Cygon 2E had been sprayed at 2 week intervals during March with no subsequent borer evidence at the time of initial sitings of the bacterial soft rot. Although increases had not begun to develop and thus no natural injury, I might have been guilty of cleaning too closely. That means pulling leaves off the rhizome before they have completely dried down and consequently, injuring the rhizome where the leaf is still attached. Yet, in all cases the bacterial soft rot condition developed in the base of the rhizome and was noticeable prior to fan collapse by the uniform yellowing of the tips of all the leaves on the fan. With this indicator, prompt action might save the rhizome.

The control of *Erwinia caratovora* in iris beds is at best difficult. Treatments of methyl bromide while dangerous to use, are considered effective toward fungal diseases. Little work has been done with its application toward bacterial diseases. Benlate and terracolor have also been recommended for the control of bacterial leaf spotting, but as experts have pointed out, these products kill helpful as well as harmful microbes with the harmful ones recovering faster.

Recently, I have worked with soil conditioners to improve the tillage and flocculation of the soil. As these measurements of soil porosity increase, the cork cell potential of irises also increases due to increased availability of soil oxygen. Perhaps, this will be the long-term solution to the control of bacterial soft rot.

When the bacterial soft rot first developed 3 years ago, I tried to check out every aspect related to the growing of irises. I discovered that the pH in a part of the infected bed was around 4.5 (500 times more acidic than a pH of 7.0). Although a low pH would weaken the irises and perhaps make them more susceptible to the disease, an iris

bed with a pH of 7.0 had also become infected. The low pH of 4.5 was attributable to the excessive rainfall that had leached the lime from the soil.

CONCLUSIONS

Heavy soils, heavy and extended periods of rainfall, and high humidities tend to promote bacterial soft rot. *Erwinia caratovora* is a common soil microbe that causes this condition. Irises have a natural defense mechanism against this disease except where the oxygen supply in the soil is low. *E. caratovora* is controllable in a limited way with a tetracycline-glycerine "ointment." Tetracycline is available by prescription at pharmacies. However, it is usually available over the counter if the pharmacist is told that it is for agricultural uses. Six capsules cost me 90¢ three years ago. *Erwinia caratovora* is not dangerous to humans.

I wish to especially thank David Silverberg of New Jersey and Irene Otte of Pennsylvania for their encouragement to write this article and Ann Dasch for allowing me to.

ATTENTION HYBRIDIZERS

Have you been notified that your 1981 introductions have been recorded? If not, it is important that you send a copy of your catalog, list or advertisement to me immediately. Your introductions must be recorded before they can become eligible for awards of the Society.

KAY N. NELSON, REGISTRAR-RECORDER

P.O. Box 37613

Omaha, NE 68137



SHEER POETRY

MOVING?

Please notify the AIS Secretary, Mrs. R. V. Ramsey, 6518 Beachy Ave., Wichita, KS 67206 as soon as possible. If Bulletin is returned as undeliverable, your name will be placed in a suspended file.

Be sure to notify AIS by the 15th of the month preceding publication date in order to assure prompt delivery of your magazine. For the January issue, notification must be received by December 15; for the April issue, by March 15; for the July issue, by June 15 and for the October issue, by September 15. Your cooperation is important and appreciated.

ST. LOUIS 1981

FAVORITE GUEST IRIS

BALLOT RESULTS

VARIETY	HYBRIDIZER & YEAR	VOTES	Gardens Guested				Per Tour Day
			RCVD	Thurs	Fri	Sat	
1. SHEER POETRY	(D. Palmer 79)	211		2	2	1	5
2. COPPER CLASSIC	(Roderick 79)	191		2	3	3	8
3. LEDA'S LOVER	(Hager 80)	189		0	2	2	4
4. ST. LOUIS BLUES	(Schreiner 79)	165		1	3	0	4
5. PLEATED GOWN	(Roderick 79)	143		2	5	4	11
6. AN-JAN	(Bellagamba 79)	123		3	5	4	12
7. LOVELY KAY	(Hamblen 80)	122		0	3	2	5
8. TUT'S GOLD	(Schreiner 79)	112		2	1	1	4
9. STEVE VARNER (SIB)	(Briscoe 78)	84		3	3	0	6
10. MIRRORED SKY	(D. Palmer 79)	75		1	1	1	3
11. ACCLAMATION	(Corlew 80)	69		0	2	2	4
12. ORITAM	(Hoffmeister 77)	69		3	4	5	12
13. LOVE CHILD	(Knocke 79)	64		1	2	2	5
14. CHARTRUESE RUFFLES	(Rudolph 76)	58		1	2	1	4
15. CORAL SATIN	(Hamblen 81)	57		1	1	1	3

A very unusual result of the Favorite Guest Iris voting was that SHEER POETRY won the top spot over both COPPER CLASSIC, the 1981 President's Cup winner, and LEDA'S LOVER, winner of the 1981 Franklin Cook Memorial Cup.

Saturday Theory

The Summer 1979 Bulletin, following the Huntsville Favorite Guest Iris balloting, discussed the so-called "Saturday Theory": the last good iris seen in the last tour gardens, when conventioneers remember that votes must be submitted soon, will win. As in 1979, the results shown above by "gardens guested per tour day" are inconclusive. SHEER POETRY was only seen in one garden on Saturday, while two irises in the top ten weren't seen at all the last day. Once again, results disprove the Saturday Theory myth.

FAUX PAS I HAVE MADE

Irene Van de Water, OR

The Convention was to be held at Syracuse, which was just an easy day's run from our place. So we gaily packed our suitcases and went merrily off. When we arrived at our motel, we discovered there were no suitcases in the car. Thinking hard, we remembered that the last place and time we saw them was on our front doorsteps. (Ah Youth, Ah Careless Youth!)

The Median Iris Society sent us a notice of an iris sale at a Connecticutt home on the Sound. It sounded tempting, so off we went on an early Saturday morning. The trip involved a long stretch on the Boston Post Road. Even in the 50s, the driving was hair-raising. When we got to our destination, all we found was a young baby-sitter who told us that the iris sale was scheduled for next Saturday. (Right place, wrong time!)

On a pleasant day in May, we decided to visit a hybridizer's garden in Hamilton, New York. When we arrived, we could not find the garden or its owner. It developed that he lived in Hamilton College, which is another place altogether, and about 40 miles away. We never did get there. (Wrong place, wasted trip!)

When the Conventioneers came to Dr. Randolph's garden, they found that small plots were allotted to the iris of each hybridizer with his name prominently displayed. As I stood with Mrs. Randolph, admiring the plot labelled "Hamblen", I asked Fannie "Who is this fellow Hamblen? I never head of him." She replied "It's not a him, it's Melba, and she is right there behind you." And this is how I first met Melba. Have you noticed that the first time you meet a person it makes an instant impression on you?

It was in 1933 that I first met Barbara Walther. From that time on, she and the Presby Memorial Iris Garden and I had a "Thing" about each other. At the time I was "The Plant Doctor" and she was the devoted Guardian of the Garden. I nick-named her, in my mind, as "The Dragon Lady". Many years later when I told her this name, she was very amused, and, I think, pleased with this title.

And once, as we were walking in the garden, she asked me to read a label. I looked down and said, "It's BRIDAL SHEET". "Oh no," she said, "it can't be".

Note to Joe Gatty: Was it RISQUE?

POD APPRECIATION

Martha Wilkins, Wis.

In 1979, while experimenting with materials for making winter arrangements, I soaked some branches of oak and mahonia in a glycerin solution. A stalk from a Siberian iris was among the gathered material, and I wondered what might happen to the pods from such a treatment. After a while the pods turned black with a semi-gloss finish. I thought I had discovered something!

This past year I made a collection of stalks from the various classes of irises I grow, at different stages in development. I labeled them carefully as I cut them—two of each as nearly alike as possible. One stalk was to be dried naturally, hung pods down, and the other was to be treated upright in the glycerin solution.

The solution was 2 parts glycerin to 1 part water, and as the water evaporated a bit more was added to keep the level at 5". Recommendation is 4" to 5" of stem in the solution. Some stems had absorbed the glycerin in less than 3 weeks, while others took 6 weeks. Likely the length of stems contributed to timing.

Siberian Irises

Stalks from *I. sibirica* grown from AIS 76J030 (seed contributed by Dr. McEwen, from a plant collected in Poland) were my prime target—since it was this subject that had inspired my experiment. Surprisingly none of the stalks in the glycerin solution had black pods. This puzzled me! then I realized the original pods must have been near to ripening when the stalk was put in the solution, so had naturally turned black, and all that actually happened was that lovely semi-gloss finish. All of the stalks cut at intervals after midpoint of development dried naturally had black pods. But the ones in the solution finished at progressive stages tan to reddish-brown. Even the shape of the pods of this species is more attractive than other varieties of *I. sibirica*, and have their own natural sheen.

Pods of subseries *sibiricae* vary considerably. Some are quite large— $2\frac{1}{4}'' \times \frac{3}{4}''$, and dry naturally dark brown or black. There is no problem to salvage seed of some, if wanted, since the seeds shake out readily from the pods. Other pods do not open—even naturally, because the walls are thick and if seed is wanted, the pods must be cracked like nuts.

A curiosity that I intend to pursue is the sizes and shapes of the pods seeming to indicate *I. sibirica* in parentage of plants, as compared to those derived from *I. sanguinea*. This did not appear as distinguishable when the pods were dried naturally. But of those plants apparently descended from varieties of *I. sibirica* (identifiable by branching), all had tan to reddish-brown pods. Those probably having *I. sanguinea* ancestry (no branching), finished looking like mahogany wood.

When I noticed this difference I studied the parents for EGO, MARANATHA, MARLYA, SPARKLING ROSE AND TUNKHANNOCK. These were the only named cultivars used in my experiment—other than LADY GODIVA. E.G., EGO from GATINEAU X CAESAR'S BROTHER—GATINEAU from *I. sibirica maxima* X SNOW QUEEN (*a collected form of I. sanguinea*) . . . then CAESAR'S BROTHER from NIGRESCENS X BLUE KING (both collected forms of *I. sibirica*). Apparently *I. sanguinea* is dominant, since branching is limited on EGO. In contrast is MARANATHA from Sensenbach #6 X TEALWOOD (CAESAR'S BROTHER selfed) with consistently good branching. SPARKLING ROSE has no branching, but some of my seedlings from its "bee pods" do. I suspect that TOWANDA REDFLARE and/or ERIC THE RED have *I. sanguinea* influence. But this should be another study.

LADY GODIVA has short, fat knobby pods. Dried naturally, the pods opened with the tips of the apex curled backward, somewhat as rose hips do. Those pods dried pale tan, but spotty. In these respects they resemble pods of *I. versicolor*, but the seeds are similar to some of the hybrids from subseries *chrysographes*. Just where did Perry find this lady? The treated pods remained closed and finished nice red-brown, looking like tanned leather. The stems are slender, and I think these curious little pods would be interesting in a small arrangement, with dried baby's breath and treated leaves of Mountain Ash (*Sorbus americana*, which finished darker red-brown with a subtle sheen).

The Asian Siberians (subseries *chrysographes*) have attractive pods, with needle-like projections which are the tubes that remain at the apex. These formations can be as much as an inch, and add an exotic look to the pods. Unfortunately, on the pods dried naturally, the tubes broke away. They seemed less fragile as the pods were absorbing the glycerin. All of the pods remained closed, but became tissue-like and break easily. The pods finished greenish straw-color—some beige, and the only difference seems to be less brittle stems and slight sheen effect from the glycerin. It could be preference of individuals, as all of the material is desirable. The loveliest are the

pods collected from *Mirza-citronella* plants, and from TIGGER. These finished like sandalwood in color and texture.

Other Apogons

Spurias have especially interesting pods, and results with those were very satisfying, with pods from shades of beige, sand brown, medium brown to reddish-brown. The pods of *I. ochroleuca* are very nice. These pods are smaller and nicer than other spurias, but I don't grow all types. There are 5 to 7 pods per stalk, and the stalks hold stiff. Those dried naturally are equally as nice for arrangements, and combining both in the same arrangement could be complementary.

Pods of *I. pseudacorus*—the type I understand grows in Finland, tend to hang down, even while still only half ripe. This can give a wind-blown effect in an arrangement. Dried naturally, the apex of the elongated pods curled backward as they opened, but this feature can also create interest. Unlike those, the pods on stems soaking in the glycerin solution remained closed and finished nicely brown.

I. virginica var. Shrevei (the type found growing in our pasture) has such an abundance of pods—big 4"x1", which tend to sag on the stems. The pods are tight-packed and heavy until dry, I counted 179 large seeds in one pod. Ripened naturally the pods are blotchy, and curl backward to dump the seed. I suppose one could spray-paint the pods, but they are cumbersome. The treated pods finished grayish-green, also blotchy and unattractive, but unopened. Another *I. virginica* (from AIS 76N178) has body shaped pods—half the size of the big ones. But results were much the same as for our pasture volunteer—except that these would be easier to arrange.

I. versicolor 'Sarah Tiffney' (AIS 76N178) has smaller pods, and a single stem may have 7 to 9. The stems are well branched and provide lovely sprays for a graceful effect. Pods in their natural state ripen spotty, which I feel detracts from appearance. They also discharge their seed in the same manner as *I. virginica*. The pods finished in the glycerin solution are smooth, tan and unblemished. From the same seed are two plants with white flowers—more dainty than the blue ones, and the pods are even smaller. On one nicely branched stem were 9 little round green pods, measuring from $\frac{1}{2}$ " to $\frac{3}{4}$ ". These finished tan and pretty, with their pointed apex closed. The pods dried naturally were pale—almost cream colored, when they opened I shelled out the seed to plant. Now I wonder what effect the glycerin might have on the seeds in the treated pods.

I. versicolor 'Kermesina' appears to hold its pods upright—so far as I was able to observe, and the number of pods per stem are limited. However, my plant is here only three years, so I am more concerned with planting its seed. From 44 seeds ('79), only one germinated. Also tried seed from the AIS Seed Exchange, no germination—so until I know this class better, I will plant all of its seed. Perhaps someone else may choose to test this material.

My *I. setosa* pods were already too ripe when the stalks were cut, and the seeds scattered, so this will have to be a later test. However, *I. setosa Nana* has proved an ideal subject—even the stems cut near to maturity have unopened pods. The stems are slender and the pods are small, plump and attractive. The treated pods finished smooth, pale straw-color—nice! Most of the stems had one or two pods at the top, but several had a third pod on a short branch.

Until last year I had thought the Louisiana would not set seed this far north, as previously I had all "balloon pods". The pods are round— $1\frac{1}{4}$ ", and nicely placed on the stalks. All of them dried naturally, like corn husks. They are very nice in a winter arrangement. Late in November I found a pod I had missed, there were 10 of the largest seeds I have ever seen from an iris. I did not treat any of these, but feel this may be an experiment for someone "down south"—where Louisianas grow so profusely. Mine are "pampered pets".

Bearded Iris

After trying different classes, I found them less satisfactory. Regardless of the stages of development when the stalks were cut, all of the pods opened to disperse the seed. The earliest pods quickly deteriorated, while the pods cut at one month seemed to finish the best. Those were dark brown at the apex, with the body of the pods tan. The only difference appeared to be a slight gloss on the treated material. I saw no advantage from the glycerin solution.

Treated Foliage

The foliage of Siberian iris is narrow, but dried stiff and stands up well for arrangements. Mostly it finished rich reddish-brown with the coveted leathery look. At varying degrees this was the result of all the foliage treated. Leaves from the spurias were nicest—smooth and pleasing—pliant and lending to graceful arranging. Surprisingly the

foliage of *I. pseudacorus* was brittle, and damaged in handling, but the fault may have been in the selection of the material. The foliage of ???—*I. biglumis* (a plant received here as *I. ensata*), which according to Dykes finding might be *I. lactea*—whichever, has the best foliage. It has long, narrow wiry leaves, and finished with the glossy look of chocolate frosting—except that this is inconclusive, as I managed to treat only one.

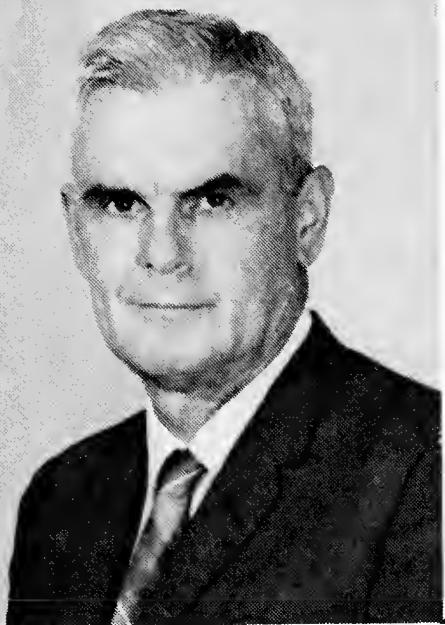
This was fun, and I hope it inspires others to experiment.

HOLIDAY GIFTS!

Shopping for your favorite irisarians? Consider these official AIS items to bring irises onto your gift list whatever the budget and whomever the recipient. A few ideas. . .

- Seals, pack of 50 \$2.50
- Bronze commemorative medal 2.50
- License tag 3.50
- Official lapel pin 5.00
- "The World of Irises" 15.00

See page 68, this issue, for ordering instructions and other AIS gift ideas suitable for many occasions year-round.



Domestic News

Fred Stephenson, Editor

CLUB PROGRAMS

From time to time we get appeals for suggestions for Club Programs. Elkhorn Valley Club, Norfolk, Nebraska, Region 21 wanted to learn more about individual members, so members were paired up for a few minutes to learn all they could about each other. Later this information was shared with the entire membership. It is interesting to find out how little we know about the people with whom we come in contact frequently.

Another club devoted an entire meeting to iris artifacts and collectables. Many interests were stimulated. Still another club had a meeting in which each gardener was allowed to tell about his garden; how it was started, etc. He or she told just what to expect to see, not only in irises but other interesting plants and things. Each was asked to share some outstanding experience.

Perhaps your club has had successful programs that are a bit "different". You are invited to share them by sending in details to your Domestic News Editor.

MEMBERSHIP CONTESTS

Region 5, at its annual regional meeting in the Spring voted to establish a long term National Membership Contest. At the end of each year the member acquiring the most new members for AIS will be presented a "Traveling Trophy" that may be kept for one year. In

addition to having his or her name engraved on the trophy he or she will receive a late introduction iris rhizome.

At the end of *each ten years* the trophy will be awarded permanently to the person having it the greatest number of years. Should there be a tie, the person acquiring the greatest number of members will be given the award. If the person is deceased, the award will be given to closest living relative in honor of the winner.

In addition to the award to the trophy winner, each member securing a new member will have his or her name placed in a yearly drawing. The name selected will be given a new iris rhizome. (We observed that a large number of regions are conducting membership contests; this seemed to be the most ambitious and rewarding. Ed)

COTTON ROYALTY VISITS MEMPHIS

by Robby Browne

A hush settled over the show area as all eyes turned toward the entranceway. Slowly, regally, the royal couple moved towards the Queen's Table as the crowd parted. As their first official act upon being crowned the evening before, Saturday May 2, 1981 at the Crown and Sceptre Ball, the royal couple, King Owen of the family of Tabor, and Queen Peggy, of the family of Garrott, visited the Iris Show of the Memphis Area Iris Society.

The show, held annually at the Goldsmith Civic Garden Center, commemorated the Golden Anniversary of Memphis Cotton Carnival. After pictures were taken of Queen Peggy with CARVED CAMEO, Queen of the Show, exhibited by Mr. Bob Love of Jackson, TN, the King and Queen posed for pictures with COTTON CARNIVAL (Ken Mohr '81) named in honor of this 50th Anniversary celebration.

Following the picture session, Mr. Jay Eberle acted as Master of Ceremonies at a special presentation to the Cotton roaylty in the Sculpture Garden behind the Garden Center. Mrs. William C. Belus, president of the Memphis Area Iris Society, toasted King Owen followed by a toast from Mr. Bill Vines, a former MAIS president, to Queen Peggy. Three pictorial portraits of the iris COTTON CARNIVAL were presented to the King and Queen of Cotton, and

Mr. Bert Ferguson, retiring chairman of the Memphis Park Commission. The Park Commissioner's portrait now hangs in the Sybile G. Malloy Memorial Library in the new wing of the Goldsmith Civic Garden Center.

The King was to have presented the Queen's trophy to Mr. Love. However, Bob was not to be found, so his fellow Jacksonian, Mrs. Evie Lou Spencer, accepted the trophy for him. As fate would have it, Evie Lou was in the 1st Cotton Carnival celebration 50 years ago and, just by chance, became a part of this Golden Anniversary ceremony. To close this gala event, the King and Queen of Cotton each received gift certificates for COTTON CARNIVAL through Mohr Gardens of Lexington, KY.

Afterwards, Mrs. Belus, Mr. Vines and Mr. Eberle escorted our royal visitors through the Ketchum Memorial Iris Garden now in its 28th year.

It was a day that will be long remembered and hopefully, the christening of this new iris variety will allow you to enjoy the enthusiasm that we were all swept up in. The month-long, city-wide Cotton Carnival we kicked off in Memphis closed with the landing of the Royal Barge on the banks of the Mississippi River where cotton is indeed King.



Queen Peggy received her portrait of COTTON CARNIVAL. Mrs. William Belus, front left; Jay Eberle, back left, and King Owen, back right.

A.I.S. AFFILIATES

Expiration Date: July 1, 1982

Region 4 NORTH CAROLINA IRIS SOCIETY

Pres. Mr. James D. Stadler
1613 Country Club Rd.
Reidsville, N.C. 27320

Region 6 TRUMBULL COUNTY IRIS SOCIETY

Pres. Marjorie Fillmore
4050 Tod Ave. NW
Warren, Ohio 44485

Region 20 ELMOHR IRIS SOCIETY

Pres. Les Shoemaker
4415 E. San Miguel
Colorado Springs, CO 80915

Region 21 CENTRAL IOWAIRIS SOCIETY

Pres. C. O. Torkelson
2105 Burnett
Ames, IA 50010

ELKHORN VALLEY IRIS SOCIETY

Pres. Jim Hummel
801 Logan
Wayne, NE 68788

SIOUX EMPIRE IRIS SOCIETY

Pres. Mr. Charles Clausen
RR3, Box 363
Sioux Falls, SD 57101

The new art heading the Commercial Directory in this issue was created by Carole Hatherley of Visalia, California. We thank her and look forward to more from this talented irisarian.



International News

Bee Warburton, Editor

MORE ON THE OPENING OF CHINA

It is a joy to have China once more open to the search for wildings for us to grow as they are, if we can, or to tame for our gardens. Though we have nothing yet to report on the search for new variants of the 40-chromosome Siberians that were brought into cultivation in the great plant-collecting days of the late 19th and early 20th centuries, we are told by Jean Witt, chairman of the Species Iris Study Group of the American Iris Society, of a recent plant and seed collecting trip to China last fall that went as far as Tibet, and ". . . . actually brought home an iris! "They found it growing in moss over boulders, by the roadside where their bus just happened to break down. Pieces of the pencil-sized rhizomes survived the trip home and are now thriving indoors in a pot. Plant characteristics suggest that it belongs to the Crested Section—internodes between the leaves of the original fan have stretched rapidly upwards, after the manner of 'Nada' and 'Darjeeling'. Foliage lacks the shiny surface of *I. japonica*, and the rhizomes are not large enough to be *I. wattii*. Will it turn out to be *I. confusa*? Meanwhile the iris "grapevine" brings me word of other trips to China in the offing. With plastic bags and air travel, Chinese treasures such as *Ii. henryi*, *grisjii*, *pseudorossii*, and new collections of *I. chrysographes* and its relatives may not be as far away from our gardens as we have thought in recent decades!" (SIGNA #26, April 1981)

Eckard Berlin has also been traveling in China and sent us a most enthusiastic postcard from Shanghai. Some news of his trip should soon be published in SIGNA, whose publications are rich in international information. This same SIGNA carries an article by our friend Milan Blazek about wild *Iris pumila* in Moravia, reprinted from the German Iris Society's Yearbook of 1962-63. It is sad to think that like so many stations of wild *I. pumila* these have all been destroyed by sheep and goats; it is more than likely that this article is an echo from a lost past.

SWITZERLAND

Highlights of a European trip in May and June were two visits to the Rosengarten (the Botanical Gardens) in Bern, Switzerland. The gardens are high up with a spectacular overview of the city. Enormous bushes of rhododendron and azaleas were breathtakingly beautiful. We were too early for flowers on extensive plantings of roses, but just in time for median iris bloom. Their iris gardens are off to one side, separated with trellises.

Growing with apparently the same soil and cultivation as the TBs, the medians flourished, while the foliage and clumps of TBs looked sick, with scanty bloom potential. At least part of the problem seemed too acid a soil . . . not a difficult diagnosis as the beds were covered with moss.

LACED LEMONADE was gay and perky. Bennett Jones had the largest number of plants, with GINGERBREAD MAN, CHERRY GARDEN, COTTON BLOSSOM, and LIGHT CAVALRY especially fine, with a dark brown SDB of Schreiners. Many folks were bending down to admire them.

Of course we read the tags of the TBs. This proved a stroll down memory lane for they ranged from Sass' 1937 CITY OF LINCOLN to Keppel's 1975 CARAMBIA. The Schreiners should visit to renew acquaintance with ANDALUSIA ('38) and OLYMPIC TORCH, RUBY MINE, HARBOUR BLUE, and many others of their early introductions. I think FUJI'S MANTLE was their most recent. WEDDING Vow (Ghio), Knopf's WEST COAST, and Gatty's WHITE LIGHTNING were struggling to survive, with foliage short and mottled. If the Rosengarten should ask for rhizomes, the hybridizers should insist on fresh soil for their plantings.

Jane Johnson, Elberton, GA

ITALY—WINNERS IN PREMIO FIRENZE

Americans have once more been successful in the prestigious Premio Firenze international iris competitions, with the award going to Ben Hager for lovely BEVERLY SILLS which also received the Coppa A. Balbi Valier for best pink iris. Second prize and also the Coppa Louise Branch went to R. A. Mallory of Grand Rapids, Michigan, for his RAGAZZA, while the third place was taken by Glen Corlew for PROMINENT. Fourth place was won by Jim Gibson's STACCATO: and his SUN TOASTED was in ninth place. Jim was also awarded the first of the special prizes, Coppa della Regione Toscana, for the foreign hybridizer with the most entries.

Three of the 17 prizes were the reward for devoted labors by Franklin Carr of New Jersey; added to the two prizes won in 1980 were fifth place for JERSEYMAID: 8th place for ANGEL'S MESSAGE: and the Coppa Camera di Commercio for JOYFUL NEWS. Two special cups were won by John Weiler: the Garden Club Cup for the best garden variety, to FRESNO CALYPSO: and the Coppa Piaggio for the best early variety to THICK AND CREAMY. The Society proudly congratulates all these successful contestants.

We also offer our congratulations to Nora Scopes of England, whose PRINCESS AMARANTHA won seventh place; and to Sergio Bacci of Italy who won four of the 17 important awards: sixth place with JOCELYNNE, which also won the Coppa Amici del Fiori, for the best Italian iris; tenth place with LUCIA: and the Coppa Sen. Luciano Bausi for the Italian hybridizer with the most entries.

Three prizes from 1980 are entered in this year's report: to Eva Heimann of Germany for ROTER BARON (the best red iris); to A. Caretta of Italy for BLUE STAR; and to John D. Taylor of Great Britain for HONEY BOURNE (the best late iris).

Ernesta Gemmi Pacciani (Bebe to her friends) who is Director of the Firenze Trials, has a problem in finding American judges, and has asked me to add here a plea to any judge who will be traveling in Italy at the time of the trials to get in touch with her. Her address: Via del Palmerino, 2, 50016 San Domenico, (Firenze) Italy

THE GENUS IRIS

FLORA EUROPEA, Vol. 5

CAMBRIDGE 1980

The Genus *Iris* as here treated by Webb and Chater, illustrates the taxonomist's compulsion to rework at least some part of a plant family for any new presentation. With our irises this happens so often we should be able to observe it dispassionately from the horticultural viewpoint, and wait for other taxonomists to make judgment on its validity, meanwhile sticking by our familiar names for familiar plants. We are fortunate in having our species group, SIGNA, to be our conscience in dealing with such changes as calling our *kaempferi* irises "*ensata*," and thus having to rename the familiar *ensata* as "*biglumis*." (In the treatment under review a form of this species naturalized in Italy is called *I. triflora* Balbis.)

We do not like to have a familiar taxon like *I. chamaeiris* Bertoloni disallowed. Our reviewer, Roy Davidson, says: "For example, the 40-chromosome amphidiploid pogonirises found through southwestern Europe are all now to be called by Lamarck's 1978 binomial *Iris lutescens*, with two subspecies, the first including all the variants (*italica*, *olbiensis*, etc.) except those defined by Brotero as *I. subbiflora*, and the second precisely those, as ssp. *subbiflora*. The cost of this is the submergence of what we've fondly acknowledged as *chamaeiris* (as defined by Bertoloni) into *I. lutescens* ssp. *lutescens*. Certainly in horticulture this will always be known as *I. chamaeiris*. In nature this has become an exceedingly rare item, ". . . and, we may add, it has been garden bred beyond any need for species terms.

The comparatively short, unbranched pogonirises of southeast Europe are here divided into two species, according to length of perianth tube (here called "hypanthial tube"). *I. reichenbachii*, with shorter tube, includes both diploid and polyploid forms (*balkana*, *bosniaca*, *skorpilii*), while *I. suaveolens* with longer tube includes *I. rubromarginata*. Roy questions the fact that there is no mention of *I. mellita* (Janka 1876), and the thought occurs that the name may have been disallowed in favor of the older *I. suaveolens* (Boiss. & Reut. 1853).

"There will be those to quarrel over the ranking of *attica* as a subspecies of *I. pumila* while *I. pseudopumila* is given full species

recognition." Roy has also given us some discussion of the Germanica and pallida types, but their complexities are too much for this brief review. He notes that *albicans* is recognized as a distinct species, and that it is included among species responsible for development of garden bearded irises, whereas *I. pallida* is omitted from that listing, perhaps through an orthographic error.

Since reviewing the above, we have received from Professors E. Maugini and L. Bini Maleci, a reprint of their article in *Webbia* 35(1): 145-186. 1981 titled in the English Abstract, The Dwarf Irises in Tuscany and Their Taxonomy. Their previous studies have tended toward the view that the species *chamaeiris*, *italica* and *olbiensis* can all be referred to one species, but their study of a large number of herbarium specimens led them to conclude that "the characters considered valid by some authors for recognition at specific level of the entities we studied (Height of plant, size of leaves, presence or absence of a stem leaf, one or two-flowered stem) neither allow their separation as species nor any diversification within the species itself. Therefore on the basis of the exsiccata the entities described in the past as separate species can be referred to one single species.

As to the name itself, Italian authors of the last century mentioned *I. chamaeiris*, *I. italicica* and *I. olbiensis* only and overlooked or misinterpreted the earliest *I. lutescens* described by Lamarck. The study of its type, kept in Paris, showed that the three above-mentioned species were akin to Lamarck's plants. Therefore *I. lutescens* is the right name for the species concerned."

In conclusion, the authors point out that "The literature, the study of exsiccata, the morphological analysis on living plants, the palynological examination (and also the karyological analysis previously carried out (Maugini and Bini Maleci 1973, 1974; Bini Maleci 1976) lead to the conclusion that the irises we studied are one species whose name must be, for priority reasons, *I. lutescens* Lam. as reported also by Webb and Chater (in Heywood 1978)."

SPECIAL PUBLICATION

Edited by Bob Raabe, and published in Sydney in 1979, the title page of *The World of Louisiana Irises* reads, "A Special Publication prepared by the International Committee of the Society for Louisiana Irises." This booklet features stories of Louisiana irises growing in

Japan, New Zealand and Australia (Perth, Melbourne, Sydney), and on hybridizing by the American, Joseph Mertzweiler, famous producer of tetraploid Louisianas. It is beautifully illustrated by pen and ink drawings in addition to Bob Raabe's black and white photographs.

For ordering a copy, consult the Louisiana Iris Society of America, c/o Richard Goula, 113 Acacia Drive, Lafayette, LA 70501.

INTRODUCTIONS FROM FAR PLACES

To his list of introductions from Australia in 1980, Keith Keppel has added for 1981, COMO QUEEN by John Baldwin. The prolific Blyths have 26 tall bearded, five intermediates, and 13 standard dwarfs in the Keppel Catalog. It is pleasing to note the appearance there also of five TBs from Jean Cayeux, a name to conjure with in the iris world. Others of our international friends are finding introducers in America, as mailing procedures become more and more difficult and expensive. Among these friends are Bob Raabe, breeder of Louisianas, and John Taylor, who specializes in Median irises, for which he has won many prizes.

Dr. Tomas Tamberg, of Berlin, Germany, has registered a number of prize-winning Siberians, of which the best-known is 'Wide White,' which he describes in his English language listing as "the white Siberian with the widest falls and a really large flower; an induced tetraploid of excellent form but fertile only at the diploid level." KOBALTBLAU is a Cambridge seedling of deep blue with pale blue style arms, up to six buds and compact form; BREITER START, mid-blue induced tetraploid fertile at the tetraploid level; MARIE FRANZ, an EGO seedling with large clear blue flowers; FANNY HEIDT, a large deep blue tetraploid, fertile both ways; PURPELLER, blue-purple diploid from WHITE SWIRL X ERIC THE RED; and BERLINER RIESEN, a 40-chromosome variety from *delavayii* X *clarkei*, with 3-4 dark violet flowers per 52-inch stem, a fertile diploid and late-flowering. Dr. Tamberg has also listed three tall bearded, the yellows ERLIN SUN and BERLIN GOLD and a bright pure pink, URSULA VAHL, all of which have won awards in European trials. Dr. Tamberg's Siberians are being introduced in the USA by Julius Wadekamper, 10078 154th Ave., Elk River, MN 55330.

The AIS 1980 registrations show: Australia, 21 by 9 registrants; England, 17 by 4 registrants; France, 2 by Anfosso; Germany, 19 by 6 registrants; New Zealand, one each from three; and five Shahak in Israel.

AUSTRALIAN NEWS

Don't forget the Australian Iris Convention in 1982, to be held in Sydney, New South Wales. It will commence with Registration and the Welcome Dinner on Wednesday, October 20, 1982. Garden tours and other activities will be organized for Thursday and Friday and the NSW Region Show will be staged on Saturday, October 23rd. The Convention will close on Sunday, October 24th. The Victorian Region will not hold convention the same year, as they are now planning alternate conventions, but they would always welcome overseas visitors who could plan to stay long enough in Australia to enjoy the bloom season and the delightful gardens in both regions.

A letter from Miss Phyllis D. Hobbs, Honorable Secretary of the Iris Society of Australia, concerns an inquiry from an Australian drug company about a source of rhizomes for planting in their "herb" plantation. Their want list sounds odd to us, consisting of *Iris florentina*, *I. germanica*, *I. foetidissima*, *I. tenax* and *I. versicolor*; they require 20 rhizomes of each, and specify rhizomes rather than seed. Of these the Australians can furnish only *foetidissima*. If you have any ideas on this, please convey them to Miss Hobbs, 8 Brassey Ave., Rosanna 3084, Victoria, Australia.

Gilbert Cole of South Australia reported a strange iris season in 1980, as a result of unusual heat. He writes, "I imported 203 new varieties of TBs from your country this past season. They were released from quarantine in November, and you can imagine the time that I had trying to establish them in the garden through this heat. Impossible to water during daytime heat, so it has meant tending them late in the evening and so keeping all the mosquitos well supplied with their essential nutrients." Of the Pacific Coast Natives which astonished and delighted us when we visited the Coles' delightful garden in 1974, he remarked: "The Californians never cease to amaze us with their hardiness under our arid conditions. Self-sown seedlings come up through the TBs like tufts of grass, and seedlings appear between the floor boards of our bridges over the creek and even through the asphalt footpath outside of our garden wall."

NEWS FROM GERMANY

Plans for the IGA-83 Munich are well under way in creating a marvelous new park around the city, constructed on a former unsightly gravel pit terrain, and inaugurated as a permanent green area with delightful landscape features, lakes and ponds, hills and valleys, wooded and open areas. By the time you read this, the iris garden, with displays of many sorts of irises, should be established and growing in time to be in good bloom for the season of 1983. The IGA will run from April through October, with a multitude of plant displays, so if you plan to travel in beautiful Bavaria any time through the summer of 1983, be sure to take it in.

Excessive heat in the 1981 Iris season has been reported from diverse parts of the world as well as from the 1980 season in Australia. Carolyn Taylor, who visited iris friends while on a trip to visit her son who is stationed in Germany, reported that hot weather, followed by a killing frost, had spoiled the iris season for Eckard Berlin in Biberach and Waltraud Busback in Nuremberg.

Carolyn visited the Botanical gardens in Munich and found them fascinating, but the only irises remaining were *I. pseudacorus*, *I. versicolor*, a narrow hafted bright purple form of *I. kaempferi*, and Laevigata 'Benikenin.' She suggested that some of the irises sent for the exhibitions might be designated for the Botanical Gardens after the IGA, a worthy idea considering the postal charges for returning them.

"Schultz-Instant" **Fertilizer** EASY TO USE

"Just add $\frac{1}{4}$ tsp. per gal. in the water.
Everytime you water, Everything you grow."



Ultra Pure, Concentrated, 20-30-20, Soluble, All Purpose, "Starts & Feeds Formula." Sizes for Gardens, Vegetables, Flowers, Roses, Shrubs, Trees, Lawns, Greenhouses, Nurseries. 3 Sizes.

Available at your store or send \$2.50 for 1 lb., Small Garden Size, \$9.95 for 5 lb. Lawn & Garden Size, \$33.00 for 25 lb. Estate Size (includes mailing). By the makers of "Plant Shine."

SCHULTZ CO.—St. Louis, MO 63043
SEND FOR OUR FUND RAISING OFFER



Youth Views

Maryann Anning

The current youth program is devoted to the combination of education and enjoyment in growing irises. With this in mind, we are proud to announce the AMERICAN IRIS SOCIETY YOUTH MEMBERS HANDBOOK now exists! It is a booklet which will hopefully answer "what you always wanted to know about the iris but were afraid to ask" type questions and will help to get our youth members firmly planted in AIS.

As they enter adulthood, we'd like them to continue their interest in growing irises. This period in their lives is highly developmental and with some, other interests may take precedence. With a good basic foundation, this break should be temporary and they will return upon completion of this period as adult AIS members. Following are excerpts from the HANDBOOK:

ON CLASSIFICATION OF IRISES . . .

Even if you grow nothing but Bearded Irises, you can have a remarkable range of color, and a bloom season extending for months. Some Bearded Irises are rebloomers, blooming again in the summer, fall, or winter. There are now reliable attractive rebloomers available which will perform in all but the coldest climates . . .

. . . Incidentally, the word *median* refers to all the Bearded Irises except the miniature dwarfs and the tall bearded; that is to say the SDBs, IBs, BBs, and MTBs. Strictly speaking, the word *dwarf* means only the MDBs.

. . . During this century, hybrids were produced from crossing the arils with the more common bearded irises. These are called arilbreds, and are usually very easy to grow and still display the spectacular features of the arils. Most arilbreds are tall and have large blooms. They usually bloom earlier than the TBs, with the SDBs and the IBs.

. . . There are also small arilbreds, produced from crossing arils or arilbreds with dwarfs or medians. They are variously called "arilbred-medians", "aril-medians", or "aril-meds".

ON CULTURE . . .

To plant it, choose a sunny spot in well drained soil. Prepare the soil well, by spading or turning over the soil with a garden fork to a depth of at least 10 inches. Spread fertilizer and work it into the top of the soil. A well prepared bed will result in better growth and more bloom. Don't starve your irises or make them compete with nearby grass or weeds for food and water . . .

. . . If you have several plants, plant them at least a foot and a half apart, "facing" the same way. The rhizomes will then increase in the same direction, without crowding each other too soon.

. . . In about three years the new rhizomes will begin to crowd each other and you will want to dig the plant up and cut the newer parts of the rhizome free from the old which may then be thrown away.

You will have so many new rhizomes that you will want to give or sell some to your friends. When digging, keep all plants carefully labeled with their names, for sure identification.

ON HYBRIDIZING . . .

To produce a new hybrid of your own, proceed as follows. Pluck the pollen bearing *anther* from an iris blossom that has been open in the sun for part of a day. (You can do this with your fingers, but it is easier with a pair of tweezers.) Examine it. Most anthers are loaded with pollen grains, but some carry no pollen and cannot be used for hybridizing . . .

. . . Rub the pollen on top of the *stigma* of the other iris you wish to use, preferably a flower that is just opening . . .

. . . Usually the ovary will begin to grow bigger within a week of the time of pollination. We then speak of it as a *seed pod*. About a month and a half later, the seed pod will turn brown. When it just begins to split open, as shown, harvest it and shell out the golden brown seeds, being sure to keep the record of their parents which was written on the tag you used when you pollinated the flower . . .

. . . What you get will depend not only the characteristics of the iris you use, but also on the characteristics of its parents, grandparents, and great-grandparents.

ON SHOWING . . .

First consideration goes to the first-opened tip blossom. It should be fresh. Try to have 2 to 3 open fresh flowers. Each bloom must be in perfect condition: no fading or oldness (remove old blooms carefully with a sharp knife, razor, or scissors), no bugs or sign of bug-damage, no breaks or bruises from careless handling . . .

. . . Branches should alternate on the stem, presenting blooms in an uncrowded fashion.

And for the enjoyment of youths of all ages, the following WORD GAME from Jim Mahoney, RVP, Region 23, is included.

AWARDS CANDIDATES GAME FOR YOUTH MEMBERS

Fill blanks and find other numbered words



- | | | |
|--------------------------|-----------------|---------------------|
| 1. American Iris Society | 10. _____ Belle | 19. _____ Illusion |
| 2. Official Ballot | 11. _____ Award | 20. Award of _____ |
| 3. Anon | 12. Irish _____ | 21. _____ Patriot |
| 4. _____ Elizabeth | 13. Miss _____ | 22. Honorable _____ |
| 5. _____ Azul | 14. _____ Medal | 23. _____ Lorri |
| 6. _____ Award | 15. Omen | 24. _____ Bikini |
| 7. _____ Medal | 16. _____ Medal | 25. _____ Dust |
| 8. _____ Award | 17. _____ Isle | 26. Far _____ |
| 9. Cocoa _____ | 18. _____ Award | 27. Warm And _____ |

28. _____ Temptress
 29. _____ Fletcher
 30. _____ Lute
 31. Fuji
 32. Panamint
 33. _____ Galaxies
 34. _____ Cry
 35. _____ Guymer
 36. _____ Gordon
 37. Good _____
 38. _____ Streaker
 39. Money
 40. _____ Callen
 41. _____ Moon
 42. _____ Melody
 43. Pink _____
 44. Pastel _____
 45. _____ Center
 46. Meda _____
 47. _____ Royal
 48. _____ View
 49. _____ Praise
 50. Deep _____
 51. Disco _____
 52. Bright _____
 53. _____ Willie
 54. _____ Of Sierra
55. Dear Hedley
 56. Terri Lyuuu
 57. Key Lime
 58. Irish Tune
 59. Panamint
 60. Ida Red
 61. Tufts Gold
 62. Tres Elegante
 63. Ann Revel
 64. Hard Rain
 65. Good Luck
 66. Torrada Cloud
 67. Mio Caro
 68. True Devotion
 69. Space Angel
 70. Life Master
 71. Hand of Judah
 72. April Lady
 73. Noble
 74. Tarde
 75. Margo
 76. Dune Shadows
 77. Orange Punch
 78. Hagar's Helmet
 79. Kung Fu
 80. Lone
 81. Promissory Note
55. Hedley
 56. Lynn
 57. Lime
 58. Irish _____
 59. Drury _____
 60. Red
 61. Gold
 62. Elegante
 63. Revel
 64. Rain
 65. Star
 66. Tornado _____
 67. Caro
 68. Devotion
 69. Space _____
 70. Master
 71. Of Judah
 72. Lady
 73. Noble
 74. Tarde
 75. Margo
 76. Shadows
 77. Punch
 78. Hagar's _____
 79. Kung _____
 80. Lone
 81. Promissory _____
82. Swan
 83. Ruby _____
 84. Garnet _____
 85. Little Heartache
 86. Gunaga Djin
 87. Starry Eyed
 88. Jet Set
 89. Love
 90. Mint Ice
 91. Red Wadi
 92. Tan Lacé
 93. Martha Mia
 94. Dragon Slayer
 95. Red Koral
 96. Tul Keren
 97. Cherry Drops
 98. Sister Helen
 99. New Veneture
 100. Solid State
 101. Hula Moon
 102. Soul Music
 103. Bold Accent
 104. Top Mention
 105. Vow
 106. Liz
 107. Frost

ANSWERS

1. American Iris Society
 2. Official Ballot
 3. Anon
 4. Tanaya Elizabeth
 5. Callest Azul
 6. White Award
 7. Dykes Medal
 8. Mitchell Award
 9. Cocoa Indian
 10. Gypsy Belle
 11. Caparone Award
 12. Irish Lady
 13. Miss Petite
 14. Knowlton Medal
 15. Omen
 16. Cook-Douglas Medal
 17. Canary Isle
 18. Payne Award
 19. Blue Illusion
 20. Award of Mind
 21. Silent Patriot
 22. Honorable Mention
 23. Horny Lorri
 24. Teeny Bikini
 25. Moon Dust
26. Far Out
 27. Warm And Toasty
 28. Gem of Sierra
 29. Ruby _____
 30. Garnet _____
 31. Key Lime
 32. Lime
 33. Far Galaxies
 34. Full Cry
 35. Jean Guymer
 36. Grand Gordon
 37. Good Luck
 38. Golden Streaker
 39. Money
 40. Kelly Callen
 41. Lili Moon
 42. Muted Melody
 43. Pink Palace
 44. Pastel Peace
 45. Storm Center
 46. Meda Lee
 47. Pansy Royal
 48. May View
 49. Double Praise
 50. Deep Fire
 51. Disco Dancer
 52. Bright View
 53. Wee Willie
 54. Lone
 55. Pine Frost
 56. Vow
 57. Liz
 58. Top Mention
 59. Vow
60. Kung Fu
 61. Gem of Sierra
 62. Love
 63. Garnet _____
 64. Garnet _____
 65. Lime
 66. Gunaga Djin
 67. Hula Moon
 68. Gunaga Djin
 69. Garnet _____
 70. Garnet _____
 71. Garnet _____
 72. Garnet _____
 73. Garnet _____
 74. Garnet _____
 75. Garnet _____
 76. Garnet _____
 77. Garnet _____
 78. Garnet _____
 79. Garnet _____
 80. Garnet _____
 81. Garnet _____

AIS LIBRARY PUBLICATIONS

<i>THE WORLD OF IRISES</i>	\$15.00
Edited by Warburton & Hamblen; 34 contributors and authors including international authorities. 494 pages of text; 32 pages full color. Published in 1978 and the most authoritative book on all phases of irises, scientific and popular. 6" x 9" hard bound cloth cover.	
<i>AIS LAPEL PINS</i>	\$5.00
AIS Logo in blue and green on silver plated pin 1/2" x 5/8" with safety lock catch.	
<i>TWO RARE IRIS PRINTS</i>	each \$6.00; both for \$11.00
Suitable for framing. Color reproductions of original art work done for the New York Botanical Garden in 1929. See illustration, in Spring 1978 <i>Bulletin</i> , page 59. <i>Proceeds from sale of prints will be used to support the work of the AIS Historical Committee.</i>	
<i>HANDBOOK FOR JUDGES AND SHOW OFFICIALS</i>	\$2.50
<i>HANDBOOK FOR AMERICAN IRIS SOCIETY MEMBERS AND OFFICERS</i>	\$2.50
<i>1979 MEMBERSHIP LIST</i>	\$2.50
<i>1959 IRIS CHECK LIST</i>	\$3.50
Hard bound. Ten-year compilation of registrations 1950-59, complete awards listing 1920-59, complete awards listing 1920-59.	
<i>1979 IRIS CHECK LIST</i>	\$12.00
Hard bound. Ten-year compilation of registrations 1970-79, complete awards listing. New; printing just completed.	
<i>REGISTRATIONS AND INTRODUCTIONS—1977</i>	\$2.00
1978	\$3.50
1979	\$3.50
1980	\$3.50
<i>BULLETINS:</i> Current issues	\$3.00
Back issues, if available	\$2.50
<i>BULLETIN 1 (Reprint)</i>	\$1.50
Golden Anniversary <i>BULLETIN</i>	\$2.00
<i>1977 BULLETIN INDEX</i>	\$1.50
<i>BRONZE ANNIVERSARY MEDALS</i>	\$2.50
The AIS 50th Anniversary medal in antiqued bronze. Suitable for pendants, show prizes, and special awards.	
<i>AIS SEALS</i>	Pack—\$2.50; 5 Packs—\$10.00
Self-adhesive ovals, slightly larger than a half dollar, official design in blue and green on a silver background. (50 per pack)	
<i>AIS AUTO LICENSE TAGS</i>	\$3.50

Prices include postage and handling.
Make checks payable to The American Iris Society

Send order to Dorothy Howard, 226 E. 20th St., Tulsa, OK 74119
Tel. (918) 582-4932

EUGENE HUNT

Eugene Hunt was killed in an automobile accident in March 1981. He was born in Carney, OK and lived most of his life in that area. His wife, Blanche died several years ago. Gene continued to live in his home in Falles which was situated in his attractively laid out rock and iris garden which he designed and built.

Gene taught in Wellington High School for many years but had recently retired. He had a great enthusiasm in growing and hybridizing Aril-bred irises and was an active participant in the AIS Robin Program.

Gene was a serious student of the whys of hybridizing and had been seriously working on improving the Aril-breds since the late 30s or early 40s. He introduced BLANCHE CECELIA, named for his wife, in 1950. He also introduced MARTHA MIA, and others but he is best known for his ESTHER THE QUEEN introduced in 1968.

Mr. Hunt is survived by his son Danny.

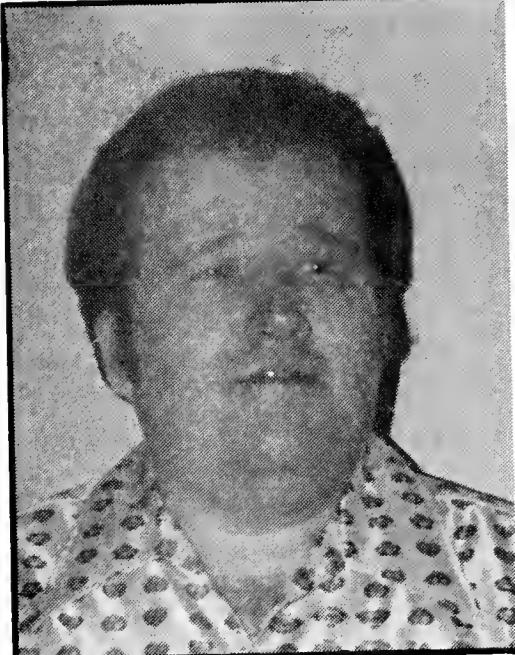
(Information supplied by Lea Ralls of Region 22)

THE SOCIETY FOR LOUISIANA IRISES

**Receive quarterly newsletters with up-to-date information
on Louisiana irises and the 1981 Special Publication in color
for your dues.**

**Single membership: 1 year for \$5.00 or 3 years for \$12.00
Family membership: 1 year for \$6.00 or 3 years for \$15.00**

**Extra copies of the 1981 Special Publication are \$3.00 a
copy. Write to the Secretary, Miss Aline M. Arceneaux, P.O.
Box 40175, U.S.L., Lafayette, LA 70504.**



Sam Reece

1843 E. Brown Ave
Fresno, CA 93703

Beardless

Oren Campbell; North Little Rock, AR.: Some of our Southern neighbors believe that in dry years, Louisianas planted in clay soils are more winter hardy than those planted in sandy soils. This may be due to the clay soils retaining moisture better than the sandy soils. I use a lot of mulch on mine, and my neighbor's yard is lower than mine. Some of mine crawl under the fence and grow in her yard. No care at all, and they flourish and never seem to be hurt by the freezes or dry weather. Survival of the fittest?

Yellow is not dominant in Louisianas. Example: MRS. IRA NELSON is a light violet from LOUISE ARNY (dark violet) X G. W. HOLLEYMAN (yellow). Both parents would have to have yellow in their background to have yellow offspring.

For planting Louisiana seeds I use the large plastic pots in which shrubs are planted. I put in about six inches of compost in the bottom and the rest of the pot is filled with potting soil (Jiffy Mix). I plant the seeds about one inch apart and one inch deep. I cover the pot with black plastic, keep the pot mixture damp and in the shade. After 15 days some will start germinating. Remove the plastic cover. When the plants are about four inches tall, I transplant them to four inch pots. They are then grown in our basement under Gro-lites.

The ones that germinated last fall are now about 30 inches tall. I will line them out in late April and cut them back to about 12 inches. I did line out about 60 in the garden last fall after germination, but have lost about 20 percent to freezing and heaving.

Maxine Perkins; Mesilla Park, NM: I have been trying to force some of my spurias for our show which is always the last week-end in April. Most of my spurias open May 2 to 21.

I moved 12 of the early bloomers to the south side of the house. It is quite warm there and geraniums and petunias live over the winter, so I moved the 12 spurias there. It was a good idea, because they all bloomed from 15 to 18 days earlier than usual.

In fact, ADA PERRY bloomed too early for the show. She opened on April 13 and her usual date is May 2. So if you want to force some of your spurias move them to a warm protected spot.

Genetics

D. C. Nearpass; College Park, MD: Don't know if I had ever discussed the possibility of yellow in TB iris flowers due to a water-soluble flavone or flavonol pigment. Most of the yellow in the TB irises have been reported to be due to carotenoid pigments. These are not water-soluble, are not in the cell sap but in the plastics; and are ether or alcohol-soluble. I have a seedling that is pretty nice, but from its pedigree would not expect it to have any yellow. Since most of the yellow (carotenoid-type) seems to be due to dominant genes, these yellow-standard flowers (due to I_s) that come from crosses of two white-standard flowers (due to i_s) are probably due to a recessive gene for the water-soluble yellow (flavone or flavonol) pigment.

Breeding results of this plant suggest that the recorded pollen parent was the true pollen parent. It was cream-yellow standards and a yellow beard. The seed parent was LADY OF LOUDOUN (Crossman), which comes from RIPPLING WATERS x WHOLE CLOTH, and has white standards and the expected yellow beard. LADY OF LOUDOUN is $I_s - i_s i_s$ (probably only one I_s) and TTtt. The pollen parent of my flower with cream-yellow standards due to water-soluble pigment was a tangerine-bearded violet amoena from MORNING BREEZE x violet amoena-yellow beard of involved parentage.

Cleo Palmer and the rest of those who are trying and have tried may have difficulty in the white-and-black amoena using the PROGENITOR-standards inhibitor (I_s), because this factor, as I have observed it, usually, if not always, takes some color out of the falls too.

As far as I know, some plant that did not survive for long but was classed as *Iris reichenbachii* was the dwarf parent of PROGENITOR. Somewhat similar standard-color inhibitors have come down from *I. balkana*, for example, in BALKAN GLACIER and in some of Joe Ghio's BBs and IBs of a few years ago, and I think Wilma Vallette had another line.

Historical

Fred Boutin, Tuolumne, CA: My time has been occupied by remodeling our old home and planning activities at the Westside and Cherry Valley Railway where I am employed. Initial plans of the owners included developing historical collections of plants to use in the landscape.

Economic uncertainties, though, have curtailed many interesting aspects of the park, including landscape development. So I have used some old roses and found areas for two iris beds which wouldn't extend maintenance. The iris were from Phil Edinger and included about 30 varieties from the 20's and 30's.

At home, grading was completed for a garden this summer. Two terraces climbing around the back of the house will be planted to gray herbs and shrubs, iris and old roses. A large meadow-like bed of an unidentified old diploid iris came with the property.

It was revealing to see how effective the old irises can be in a large planting of a single variety. It will be difficult to discipline myself to a few large beds of iris. There is part of me that wants a collection of almost any old iris there is, and then another part that enjoys the landscape effect of drifts of a single variety. If only space and time would permit both.

By far the most common old iris locally is CRIMSON KING and one or two taller varieties very similar to it. It does not rebloom as dependably as in southern California.

Irene Pyle; DeGraff, OH: Hybridizers should try to breed more vigor and stamina in their irises. The old ones could go through storms, hot scorching winds and look the same after it was over. They were resistant to many of the ills of present-day varieties.

Tall Bearded

Bill Maryott: San Jose, CA: First, I want to tell about the irises and people I saw during the 1980 season and then a little about my own breeding. In the Bay Area, the most outstanding irises seen for the first time were SKYHOOKS (Manley Osborn '80) a yellow with purple horns, the first really excellent horned iris I've seen; BRANDY (McWhirter '81) from PINK SLEIGH X WAR LORD is a brandy-colored beauty we've been waiting for since its maiden bloom, in '76, I think. Ghio's new yellow is blooming first time this season from WELL ENDOWED X 76-247 (a seedling he gave me and no longer has). We saw it bloom for the first time together in his patch, and he wrote so much about it in his Bay Views. Hager has some nice brown things probably from TUCSON.

Schreiners is so large and complex I don't have the time to really explain it well. Let me say this: They have about 30 or 40 full-time employees and over 125 acres. I dropped Gus a postcard that I would be visiting them, but can you imagine my surprise when he showed up in his pickup and spent a half day giving me a personal tour through the entire planting exactly at their peak bloom.

You don't walk through Schreiners—you drive through. I spent one full afternoon there with Larry Gaultier the following day, just looking at a field full of first-time-blooming seedlings. Their pollinations are so extensive, they use 3 or 4 people working full days just doing the mechanics of pollination.

They number crosses and usually cross all the flowers in a row instead of just a few flowers. Some of their colors, like browns, blacks, blues and cranberry ice colors, are very advanced. Others, like pinks, are not quite up to our California standards, in my opinion. The one thing you can depend on with Schreiner irises, again my opinion, is that they grow without rotting, increase well, and do not have major faults. This is due to the number of years Schreiners needs to multiply stock to introduce onto the market.

I really enjoy reading about everyone's seedlings in the robins, but I always wonder if people are being creative enough. Many of the parents being used are simply not up to the latest standards and the seedlings are almost surely going to obsolete when they bloom.

That's not saying that older iris are not good parents, but when crossing two older iris together, one cannot hope for improvements in form. Here are some examples of older iris I think one could still use and get good seedlings: PINK SLEIGH, GAY PARASOL, FULL TIDE,

CARVED CAMEO, PINK ANGEL, WINTER OLYMPICS and NEW MOON. Many others have proven to be marginal parents at best and usually have been clearly improved with future generations.

I would recommend people trying to get unusual things that others haven't been trying. Examples: How about a black with yellow, or easier, gold beard, or orange standards with just about any color falls, or black falls with just about any color standards, or try for new forms with recurved falls, wide open standards, blocky almost square petals or anything to give the iris individuality?

Conformity, in my opinion, is the death of creativity. The advantage that most of you enthusiasts living out of the breeding center have is that you haven't learned all the bad rules we have about what one does and doesn't do in hybridizing. AND because of that you have the potential to make some really exciting things like TWIST OF FATE, which I've only seen in slides but am anxious to bloom, or PIPER'S FLUTE, which I like so well I can't seem to get it into my catalog for sale.

Margaret Dean; Las Cruces, NM: MARSHLANDER is a whole new set of colors, though that is about all there is to recommend it; slow grower, buds toe in, not enough of them. It does have height, though, and the strange colors—sort of golden standards and red-brown falls with flaming bronze beard make is visible in the middle of 50 other kinds. GOLDEN CLARET is a dull bicolor, but it has the exceptional form, branching, vigor and bud count that MARSHLANDER lacks. I have tried using MARSHLANDER pollen but never got a set.

Our iris society had such disastrous results from planting new rhizomes in July-August of last summer's scorcher, we have switched the date of our rhizome sale from July to August 22 this year, and plan to do so hereafter. That way, planting will be delayed until around September 1, when they won't roast in the ground. There's no growth at all when the temperature goes to 100 or over, anyway. Our major rainfall period is from July to early September, and heat and moisture cause us a great deal of misery with rot.

With the understanding that there is no true red or black in irises, the earliest blooming black I have is faithful ADAMSBLACK: it can often produce show quality irises, though it's always too early to make a show. That cross of RAVENWOOD and ADAMSBLACK that I spoke of may have been rebloomers because of this very early bloom tendency of ADAMSBLACK (which will set seed pods as well as produce fertile pollen).

In the reds, check out the ones of Bernice Miller; I saw a bloom of

her SAMARITAN WOMAN last fall, the form is superb, and it's within the current definition of red. Schreiners reds by and large are total no-growers here, with the exception of their '66 JEWELTONE, which still outperforms any of their newer "reds."

I wish I could echo your (Maryott's) sentiments about the growing qualities of Schreiner irises. Up to the late 60s, Schreiner iris *did* grow well here and the blues still do. But the others are, for the major part, slow.

DIXIE DARLING even went so far as to die on me, and it's rare for me to totally lose an iris, all modesty aside. By the same token, Gaulter iris are superb growers, yet they are hybridized in the same areas, almost neighboring areas. (Ed. note: Gaulter is from California and his irises are introduced by Cooley's in Oregon.)

I no longer believe that where an iris is hybridized is the key to growability; it must be the inheritance of hardy genes. For example, nothing could be more different than Pennsylvania and New Mexico; but every Kegerise iris grows like it started here from seed.

Rudolph pinks will eventually (in four years) establish a decent clump and produce slim stalks with hauntingly beautiful smallish flowers, but his LEMON MIST, which came from pink and cream, is as vigorous a grower and bloomer as any iris I ever saw. It outdoes NEW MOON by far, in every way. I have read no adverse reports on LEMON MIST from anywhere in the country, either. I will agree that Schreiner irises are much better than, say, Keppel's lines, when it comes to rotting. And we give irises the acid test on that here, when the temperature tops 100 and the late summer rains come.

People

Barbara Benson; Lubbock, TX: When I joined the South Plains Iris Society in 1963, there was an old cow-puncher and his wife who drove over to every meeting in Lubbock from Dumont, TX. Dumont is about 125 miles east-northeast of Lubbock.

He would always wear his khakis, beat-up, high-heeled work boots, and a big broad-rimmed Stetson, sweat-marked with a grease-spot where each ear hit the brim. His wife, Dovie, is a love at first sight: braids piled atop wavy brown hair, a face with nothing but smile lines graved in, eyes that crinkle up at the corners and are dancing alive.

They lived on their stack ranch (the kind Ace Reed made famous) near Dumont, with rattlesnakes, tarantulas, and coyotes for neighbors—and irises. Dovie loves iris and does quite a lot of hybridizing,

i.e. ANNIVERSARY WALTZ AND WHOOP 'EM UP. After several years "Whoop 'em Up" Brady's health began to fail. The last time Dovie took him to the hospital from the home place, on that very morning, she spotted the maiden bloom of the vibrant, powerful, tough, colorful little iris you all know as WHOOP 'EM UP.

Some years after his death, Dovie confided that God had given her this special, special iris so "Whoop 'em Up" would be with her always. WHOOP'EM UP thrives on heat, wind, sand, and good soil. Every time you see it, think of its love song, and how the iris got its name. P. S. How the original "Whoop 'em Up" got *his* name is Dovie's story.

Medians

Carol Lankow; Washington: Fran Ehle's MISSY LU is growing beautifully. It is loaded with increase, which is more than I can say for most of the BBs. I saw the flower the year before on an undersized plant, and it was lovely. Now, if it has size and proportion as good as the flower and plant, we will have another good BB.

MayBelle's (Wright) BLUE TREASURE (BB '66) is gorgeous, although so far, it looks like a moderate grower at best. Like the little girl with the curl, she is a cranky little thing, but when she is good, she is a perfect BB.

JOIN A ROBIN

Enjoy one of the fringe benefits of AIS membership. JOIN A ROBIN. This is an excellent way to make new friends, while gaining knowledge about the particular types of iris in which you are interested. You may join one or more robins, covering not only the various types (TB's, Medians, Reblooming, etc.), but also related areas such as Hybridizing, Historical, Arts and Crafts, etc. For information on how to be placed in a robin, write Mrs. Larry D. Stayer, 7414 East 60th., Tulsa, Oklahoma 74145.

W. B. SCHORTMAN 1890-1981

On a beautiful spring morning, about knee-deep in April, my friend Bill was summoned to his Maker. He was sitting upon his viewing throne, a tree stump, with his iris creations at peak bloom in full view.

We had just celebrated his 91st birthday. His heart was full of happiness because of his many blessings; a fine family; many good friends; and an active interest in many things, chief among them hybridizing irises. His happy heart had also become very tired.

W. B. Schortman was born in Connecticut in 1890 and moved to Porterville in 1908. For many years he owned and operated a cycle shop which also included welding, safe and lock work. He retired in 1947. Bill was known for his mechanical expertise.

He received many awards for his iris hybridizing. Among them, the Hybridizers Medal, 1961; Premio Firenze for INDIGLOW, 1962; Awards of Merit for SIERRA SKIES, INDIGLOW, POLKA TIME and PATIENCE.

I think Bill would like to be remembered for his deep love of America. He took many trips getting better acquainted. We were privileged in being able to be a part of many of these trips.

J. M. Gibson

(Reprinted from Region 14 BULLETIN, Summer 1981)

"Schultz-Instant" LIQUID PLANT FOOD

EASY TO USE

"Just add 7 drops per qt. in the water
Everytime you water,
Everything you grow."



Ultra Pure, Concentrated, 10-15-10,
Liquid, All Purpose, "Starts & Feeds Formula." Convenient for
all indoor and outdoor uses. 3 sizes.

Available at your store or send \$1.50 for 5½ oz, \$2.75
for 12 oz., \$4.00 for 28 oz. (includes mailing).

SCHULTZ CO.—St. Louis, MO 63043



Editor's Notebook

When editing anything, there's good news, and there's bad news, as jokes used to go.

People make the difference. Contrast the cranky, uncooperative award-winner with the hundreds, no thousands, of great people who make it a real pleasure to edit this magazine.

An example of the latter is demonstrated in this excerpt from Zula Hanson's letter, "Enjoyed the Bulletin. 'You do a nice job, Charlie.' The Bulletin now appeals to the rank and file of AIS . . . I thank you for your effort."

Or Willie Mae Estrellas, who sent me a copy of an article about her and her rising in the "Lampasas Dispatch" in Texas, and a nice note, "Thanks for all the nice, useful articles . . ."

We're just as grateful for constructive criticism and suggestions, especially when they come from people such as Bee Warburton or Carol Ramsey, who make it clear that they appreciate the amount of effort that goes into a publication of this type, and always send a note to that effect, with or without suggestions.

Thanks for these and many other lovely letters and calls. We do our best. On the other hand, we do err . . . there's a case of the old tomato-tomato-face on several photo caption errors in the last issue.

First, the picture on page 16 is not Delores Kassley, but is Marie Dienstback. Please forgive us! The same is true on page 68, where Jimmy Copeland is misnamed Mark Hewitt. Sorry!

The biggest snafu is the omission of Leland Welsh, one of the finest photographers to contribute to the magazine, from our list of photo credits. In the last issue, Lee deserves credit for p. 5, lower; p. 8, upper left and right; p. 14, lower; p. 16, left; p. 26, left; p. 27, top; p. 68, left and page 76, all three. Again and again, sorry, Lee!

When reading the minutes in this issue, note that the Board directed that a specific method be used when one has AIS materials to sell—Bulletins, Checklists, etc.—for sale. These should be advertised in Bulletin.

Also, with increased postage costs, members who have not notified the AIS Secretary of change of address may not be able to expect the organization to pay additional postage to mail an issue of Bulletin again, when it is returned as undeliverable. Please note the box in this issue that reminds anyone moving to notify the Secretary by the 15th of the month preceding the publication date.

And, this Editor begs humbly—PLEASE DO NOT NOTIFY ME OF ADDRESS CHANGES! Since I do not mail the Bulletins, it only delays things for everyone in such cases.

Speaking of address changes, note mine in the front of this issue.

So much for business. Remember that I look forward to your suggestions, ideas, articles and photos. Meanwhile, have a great autumn and happy holidays.

Mr. C. Robert Minnick

C. Robert (Bob) Minnick, after an extended illness, died at the age of 73.

Bob was a very active and deeply interested member of the A.I.S. He served as chairman of the National Test Garden Committee from 1970-1973. He was a member of the Greater Kansas City Iris Society since 1954, serving as its president, and then became Region 18 Vice President in 1962 as the National Iris Convention was held in Kansas City.

Bob was a prime mover in the Region 18 Test Garden which he organized in 1957. He was a superb grower of irises and an accredited Iris Judge of great merit. His many colorful beds of seedlings, tall bearded and median irises were visited by hundreds each Spring.

Mr. Minnick is survived by his wife, Evelyn, and two daughters.

Information by Mrs. Ludwig Krchma

RECRUIT AIS MEMBERS (Who Will Renew)

Jimmy Burch

Look for iris lovers, not just people, who will fit into the group. This requires a rather slow, but steady, growth pattern. The following approach will insure local membership increase.

Publicize the flower to the greatest possible extent. This means having a local show at a readily accessible location on the weekend. (Weekday shows only attract the non-working housewife.) Exhibit as many types of irises as possible.

Have annual rhizome sales to the public. Be generous with bonuses and remember the primary reason for having sales should be to get as wide distribution of irises as possible in an area. Although earning funds is important, properly, this should be the secondary reason for having a sale.

Use the local media to encourage the general public to enter your show and to attend your rhizome sale. These are the primary sources of potential members.

Contact each person who entered in the show and invite him to a meeting. Do not have more than two or three invited families at any one meeting. You must make them feel wanted, and you must have an orderly business meeting and a program worthy of stimulating their interest and creating a desire in them to join the club and AIS. Sometime during the socializing after the meeting is over, they should be approached to join the club and AIS. A member recruited in this manner will generally last for years.

The other source of potential members is the rhizome sale. Here, someone should keep good records of the buyers. If the same person buys a substantial purchase two consecutive years, he is a potential member as he is interested in improving his iris collection. Recruit him in the same manner as above. There will be many large purchases in any one year, but the single-year buyers are generally only buying irises for landscaping purposes. These people and attendees at the show can be high pressured into joining AIS, but less than ten percent will renew.

Stimulate interest and hold people by making them feel wanted. Be friendly to all who attend a meeting. Do not let folks stand or sit around alone. Talk to them about anything; make the person feel at ease and that he fits into the group. Make everyone feel needed and important. Give every person on your membership list a job in the show and a time to work at the rhizome sale. Most people will surprise you and break their backs to do a good job, if told what is expected of them.

Educate everyone on exhibiting irises in the show. Everyone wants to win ribbons; and to do so, they must learn to grow and exhibit. It is my personal belief that the experienced growers with large gardens should back off and allow the others to take the show honors even though the instructions from the show chairman every year is "Bring everything you have, you know, the weather has been bad." (Check the show reports in the *Bulletins* and note that the same people pass the honors back and forth.) This really discourages the newer members after two or three years.

Basically, iris lovers, potential AIS members, and everyone like to be treated according to the Golden Rule.

JAMES W. SHOOK

3987 Lincoln Lake Road

Lowell, MI 49331

1981 Japanese Iris Introductions

SAYURI	....	Sdlg. H005-8	\$25.00
REIKO	....	Sdlg. H007-4	\$25.00
AKIKO	....	Sdlg. H008-3	\$25.00
EMIKO	....	Sdlg. H011-3	\$25.00
YURIKA	....	Sdlg. H006-27	\$25.00
KIMIE	....	Sdlg. 82	\$25.00
TAKAKO	....	Sdlg. H003-5	\$25.00
TAEKO	....	Sdlg. H004-3	\$25.00
TOSHIKO	....	Sdlg. H013-5	\$25.00
YOKO	....	Sdlg. H005-25	\$25.00

All are doubles except YOKO.

This publication is available in microform.



University Microfilms International

Please send additional information for AIS Bulletin.

Name _____

Institution _____

Street _____

City _____

State _____ Zip _____

300 North Zeeb Road
Dept. P.R.
Ann Arbor, Mi. 48106
U.S.A.

30-32 Mortimer Street
Dept. P.R.
London W1N 7RA
England

MINUTES OF THE BOARD OF DIRECTORS MEETING

MARRIOTT AIRPORT HOTEL, ST. LOUIS,
MISSOURI
MAY 12 & 13, 1981

The regular spring meeting of the Board of Directors of the American Iris Society was called to order at 1:10 p.m. Tuesday, May 12, 1981 by President Stahly with the following in attendance: Second Vice President Rasmussen; Secretary Ramsey; Editor Dasch; Directors Burch, Corlew, Ensminger, Owen, Rockwell and Wadekamper; Past Presidents Wolford and Fischer; Managing Editor Williams; Committee Chairmen Anning, Harder, Lawler, Nearpass, Rice, Stayer and Waite; RVPs Sacks (1), Schifferli (2), Smith (3), Barr (4), Lineberger (5), Copeland (6), Mohr (7) Machulak (8), Kinsella (9), Weiler (14), Chesnik (15), McMillen (16), Nichols (17), Niswonger (18), Silverberg (19), Michel (21), Rhodes (22), Mahoney (23) and Kennedy (24); RVP representatives Andrus (10) and Cuthbert (20); Section representatives Johnson (MIS), Varner (SSI), Wilder (SIS), Vogt (SJI), Ennenga (RIS), Duvall (SIGNA) and Sloan (LISA); ASI representative Shockey. DIS, SPCNI, Regions 11, 12 and 13 were without representation. [Guests present at the various sessions included members McEwen (1), A. Cronin and L. Cronin (6), Browne (7), Hanson, Koza and A. Machulak (8), Carter (15), E. Demory and R. Demory (17), Magee (20), D. Rhodes and L. Stayer (22).]

The reading of the minutes of the previous meeting in Dallas, Texas, October 31, November 1 & 2, 1980 as printed in *AIS BULLETIN* No. 240 was dispensed with. There being no objection, the minutes stood approved as published.

President Stahly announced that Dr. Harvey because of added professional responsibilities had submitted his resignation as AIS Director effective November 1981. Stahly further announced that as the presidency carries automatic directorship, he would vacate his elected directorship effective in November.

Stahly proposed establishment of a new committee chairmanship, the committee to be called the Policy Committee, with the purpose of having all policy decisions of the AIS gathered in one record, with regular updating and distribution to all Board members. Wolford moved, Rockwell seconded, that a Policy Committee as a standing committee be established. Motion passed.

Stahly advised that in November Howard will have completed five years of service as AIS Librarian and has asked to be relieved of the duties of that office. Stahly suggested that an ad hoc Search Committee be appointed to screen candidates and recommend a replacement. Wadekamper moved, Owen seconded, that the President appoint a Search Committee for a new Librarian. Motion passed.

Reporting for the Executive Committee, Stahly announced that the Executive Committee had approved: 1) Programming the computer for zipcode analysis; 2) chronological rather than alphabetical listing of the DSM and HybM winners in the 1979 Checklist; 3) retaining the present computer schedule; and 4) an additional 16 page signature for the April *BULLETIN* as requested by the Editor because of heavy advertising. Engminger moved, Owen seconded, to approve the actions of the Executive Committee. Motion passed.

Ramsey reported that since the late 1940s the AIS has been providing the AIS silver show medal to the British Iris Society to be given to the winner of the Ilse Clason Smith Memorial Bowl, an annual BIS show trophy given for the best American bred iris, and suggested that this practice be continued. Burch moved, Wolford seconded, that the AIS continue to provide the BIS with the AIS silver show medal for the Ilse Clason Smith Award. Motion carried.

Ramsey discussed the University Microfilms project and recommended that the company's standard advertising could be used in the *BULLETIN* as space permitted to call attention to the availability of the *AIS BULLETIN* in microform. Ramsey reported that occasionally the AIS is notified of the availability of old issues of the *BULLETIN*, *Checklist*, etc., often with a request for help in finding a purchaser. The Board directed that all such inquiries should be handled by suggesting that those having such items for sale advertise them in the *AIS BULLETIN*.

The continuing problem of non-AIS plant suppliers' advertising was discussed, especially where it concerned providing erroneous cultural information and the questionable practice of identifying

irises as AIS Award winners without naming the cultivars. The Board expressed its dissatisfaction with the situation, but no action was taken at this time.

Membership Secretary Mullin's report as of March 31, 1981, showed the Society with a membership of 6,567, an increase of 642 members in one year, with the largest membership in Region 18, followed by Regions 6, 22, 7, 14, 15, 17, 21, 4 and 13. States with the greatest membership are California, Texas, Oklahoma, Missouri, Tennessee, Kansas, Michigan and Nebraska. It was noted that the largest gains in the past year were in Oklahoma, Colorado and Missouri, all convention sites.

Mullin's report further advised that the British Iris Society no longer accepts AIS dues from BIS members and that all AIS British members now pay dues directly to the AIS; that the BIS has asked that its American members pay dues directly to the BIS and not through the AIS; and that Mullin agrees and recommends approval of the change. Rasmussen moved, Burch seconded, that the AIS immediately discontinue collection of BIS dues. Motion passed.

Mullin also reported that at times questions arise concerning members who live within a few miles of regional borders and in some cases actually reside in one region while having a mailing address in a different region, and asked for a firm policy decision on assignments to regions. Rockwell moved, Burch seconded, to establish as policy that AIS members will be assigned to the region of their mailing address. Motion passed. It was pointed out that there are no restrictions concerning an AIS member's participation in any group within or outside his region and that such participation is commonplace; however, concerning judges and recommendations for judgeships, while training and judging activities can occur in any region, recommendation for judgeship and the accreditation of a judge must take place within the judge's home or assigned region.

In a Mullin-Ramsey joint report, the matter of postage increases and returned *Bulletins* was discussed. It was pointed out that transient rate second class postage more than doubled with the March 1981 postage increase, that members who have address changes often fail to notify the AIS, that incorrectly addressed second class mail is automatically returned to the AIS, and that the cost to the AIS for a returned and remailed *BULLETIN* is now approximately \$2.00. It was noted that the problem is compounded when succeeding issues are mailed to an incorrect address. The report recommended that: 1) When a *BULLETIN* is returned as "undeliverable", the name of that member be deleted and placed in a "suspended file" until the membership expires or the AIS receives correct address information; 2) members be asked to pay the cost of returned and remailed issues in cases where the member failed to notify the AIS of an address change, and 3) *Bulletin* publicity be given concerning the deadline dates for address changes which is the 15th of the month preceding the date of issue (i.e. June 15th for the July issue). Wolford moved, Owen seconded, that when a *BULLETIN* is returned because of a member's failure to advise the AIS of an address change, that member's name be deleted from the computer and placed in a suspended file until the membership expires, and that the RVP be so notified. Motion passed. Owen moved, Rockwell seconded, that the *BULLETIN* carry in each issue a prominently displayed and boxed notice concerning address changes and specific deadline dates for notifying the AIS of address changes. Motion passed. The question of asking for postage reimbursement was not resolved.

Reporting for Advertising Editor Nelson, Stahly advised that for the first half fiscal year advertising revenue exceeded \$10,000.

Regarding Nelson's report as Registrar, it was stated that for 1981 300 registrations have so far been recorded. Pertaining to the 1979 *Checklist*, the Board received an updated printer's quotation considerably more than the previous estimate due to escalating paper costs and a final page count in excess of the original estimate. With increased postage charges to consider as well, Board members felt they had been hasty in determining a price at the Dallas meeting in November. Wolford moved, Burch seconded, that the 1979 *Iris Checklist* be priced at \$12.00, postpaid, instead of \$10.00, to protect the AIS against loss of money. Motion passed. It was noted that although the Board had prematurely tried to determine a price, the Board had specifically directed that the *Checklist* not be advertised as available or priced until a later day. In the matter of advertising the 1979 *Iris Checklist* for sale, the Board directed that Librarian Howard, Advertising Editor Nelson and Editor Dasch should determine timing and placement of appropriate *Bulletin* advertising.

For Registrations Chairman Keppel, Stahly reported that the ad hoc committee on registering iris fragrance recommended that: 1) All fragrance information should be furnished by the hybridizer at the time of registration and on a voluntary basis; and 2) no attempt be made by the Registrar to gather information on past registrations. It was further recommended that fragrance information be kept simple, only eliciting information such as "fragrance: Absent, slight, pronounced; and sweet, spicy, mushy". It was indicated that the fragrance information could be added to existing registration blanks. Wadekamper moved, Ensminger seconded, to implement the committee's recommendations. Motion passed.

For Librarian Howard, Ramsey reported that in response to the Board's request for a more

descriptive title for the Librarian, Howard recommended the title "Publication Sales Director". Burch moved, Wolford seconded, to change the title of the position presently termed "Librarian" to "Publication Sales Director". Motion passed.

Affiliates Chairman Owen, referring to the latest affiliate report in the April 1981 *BULLETIN*, reported there are now 98 approved affiliates, an increase of 14 over last year, and that the new application forms and notices of approval have been well received and serve the purpose. Owen recommended that: 1) Application forms be sent to affiliates by the Membership Secretary along with renewal notices; 2) the Affiliates Committee be budgeted for postage; and 3) the procedure of sending application forms to affiliates, as well as notices of approved affiliation, be continued. A suggestion by RVP Copeland that the applications could better be distributed through the RVPs was referred to the Board of Counsellors for consideration. Costs of affiliate show medals, reinstatement of delinquent affiliates, affiliate dues, and renewal notices sent to affiliates were discussed, and a recommendation was made that a committee be appointed to study these affiliate matters. Action on the recommendation was deferred pending the report of the Board of Counsellors.

Awards Chairman Waite reported that Official Ballots were mailed to 983 accredited, senior and honorary judges on March 22; that sample ballots were sent to the Judges Chairman for distribution to apprentice judges; and that copy for the 1982 Symposium Ballot had been submitted for the July *BULLETIN*. Waite advised that this year's awards banquet program is being handled by the local convention committee, and is proving the best solution which might be followed in future years. Waite suggested that with 1800 varieties now listed on the Official Ballot, space is very tight and enlargement of the ballot will soon be necessary. With complaints still being received about the voting deadline for Japanese irises which is in some cases before they have bloomed, additional ballot space could provide for a tear-out Japanese iris ballot with a later deadline. Action on the suggestion for a tear-out ballot was deferred.

Historical Chairman Harder reported the need for more filing cabinets and made a special plea for iris catalogs from the 1940s. Harder expressed his appreciation for all the recent additions to the collection and particularly thanked Mrs. L. F. Randolph for the gift of Dr. Randolph's slide collection. Harder discussed the collector's market and salability of duplicates of valuable items in the collection.

The meeting recessed at 4:20 p.m. Tuesday and reconvened at 9:05 a.m. Wednesday, May 13, 1981.

For Treasurer Kegerise, the interim financial report was distributed and stood as submitted.

Editor Dasch expressed appreciation for letters from *Bulletin* readers; stressed the need for better communication on *Bulletin* matters, especially RVP help with obituaries; and reminded everyone once again about *Bulletin* deadlines. Dasch requested a Board directive on convention coverage in 1982; that with the late convention, coverage in the July issue would cause that *BULLETIN* to be delayed; and that convention news could be held for the October issue. Burch moved, Wolford seconded, to keep 1982 convention coverage in the July 1982 *BULLETIN* and notify the membership in advance that the issue would be late. Discussion concerned the fact that a late July *BULLETIN* would compromise Symposium ballot deadlines, and the motion was defeated. Ramsey moved, Rockwell seconded, that the major portion of 1982 convention coverage be postponed to the October 1982 issue. Motion passed.

Dasch reported that due to a resignation, the position of Photo Editor was being filled temporarily by Anning, and asked the Board's approval of Anning's appointment as Photo Editor. Ramsey moved, Burch seconded, to approve the appointment. Motion passed.

Exhibitions Chairman Corlew reported that to date 136 show schedules had been submitted and approved, with more coming in from northern states. A sample of the new Youth Show Medal was passed around and met with the approval of the Board and members present.

Judges and Judges Training Chairman Rockwell's interim report showed the AIS with 1,037 apprentice, accredited, senior and honorary judges. Rockwell asked that the Board consider the committee's following recommendations:

1) That two hours training in Awards and Ballots be required of all apprentice judges as an additional requirement to existing national apprentice training. Ramsey moved, Owen seconded, that the recommendation be approved but that the additional training not be required of present apprentice judges, only of future appointees. Motion passed.

2) That all senior judges be required to complete and return regional activity reports. Burch moved, Corlew seconded, to approve the recommendation. Motion defeated.

3) That youth members must reach the age of 16 before being eligible for appointment as apprentice judges. Ramsey moved, Burch seconded, to approve the recommendation. Motion defeated.

RVP Silverberg offered a suggestion to change the titles of some judges, specifically Master Judge in place of Senior Judge and Emeritus Judge for Honorary Judge. The Board asked that the matter be referred to the Board of Counsellors for its consideration and recommendations, which should then

be submitted to the Board of Directors through the appropriate AIS committee.

Section Liaison Chairman Rasmussen reported that approximately one-third of AIS members belong to one or more Sections, and that there is a need to encourage the Sections to involve their activities more with the AIS. Reporting on the meeting of Section Representatives, Rasmussen advised that Ennenga had been selected to represent the Sections on the 1982 Personnel Committee, and that changing the deadline for the Japanese iris portion of the Official Ballot had been strongly recommended. The Board directed that the tear-out Japanese ballot with a later deadline be implemented as earlier suggested by Awards Chairman Waite.

Membership Contest Chairman Lawler discussed increasing AIS membership by means of contests at the local, regional and national levels with prizes offered at all levels. Ramsey moved, Owen seconded, that the matter be referred back to the Membership Contest Committee to draw up specifics of a proposal to be submitted to the Board in November. Motion passed.

Public Relations Chairman Rice reported that work on *Iris* is progressing with photo work underway and the basic text worked out but not yet sequenced. Rice commented on iris articles appearing in various publications, that publicity is improving and was very good this past year, and reminded members that copy for a standard AIS ad is available to any member or group on request.

Robin Chairman Stayer reported on the status of the AIS robin program and stressed the need for standard robin publicity in each issue of the *BULLETIN* with the name of the AIS Robin Chairman and information on how to join a robin. The Board agreed that this publicity should be arranged. Stayer discussed some of the problems she has faced in revitalizing the robin program, especially the difficulty in getting answers to her letters. Ensminger moved, Rockwell seconded, to authorize the Robin Chairman to phone any divisional chairmen not heard from and use her discretion in replacing key personnel. Motion carried.

Scientific Chairman Wadekamper reported that Dr. Homer Metcalf had received the first quarterly installment on his grant; and presented a comprehensive review of the committee's work in exploring ways to productively commit AIS funds and in evaluating proposals currently under consideration, none of which warrant funding at this time.

Slides Chairman Nearpass reported on slide sets sent out and finances for the first half fiscal year, that six programs had recently been revised and updated, and expressed his pleasure in being able to help the AIS by serving in this chairmanship. The Board thanked Dr. Nearpass and commended him for his excellent work.

For Test Garden Chairman Jones, Stahly reported that there is great enthusiasm among those interested in test gardens and they are experimenting with a test garden newsletter.

Youth Chairman Anning announced that David Wright was judged the winner of the 1981 Youth Achievement Award, with Bonnie Ellis in second place, and Jimmy Copeland and Mark Hewitt tied for third place; that the second and third place award certificates had been reworded and printed as directed by the Board; and that for the time being she will serve as Youth Views Editor. Anning discussed the need for improved communication and that as a result of a survey of Youth Members, a pen-pal system involving forty Youth Members had been set up, and proposed a semi-annual newsletter for Youth Members at a projected cost of \$80 to \$95 per issue. Corlew moved, Burch seconded, to authorize funding over budget for production of the newsletter. Motion passed. Anning further reported that the Youth Chairman Handbook *Young Ideas* has been revised and is ready for distribution to RVPs and Regional Youth Chairmen. Anning distributed draft copies of a Youth Handbook and asked that discussion be deferred until later in the meeting to give Board members time to review the material.

RVP Counsellor Ensminger presented the report of the Board of Counsellors meeting. In response to the request of the Board of Directors to suggest qualifications for RVP candidates, the Board of Counsellors recommended these guidelines for selection of an RVP:

- 1) AIS membership for five years or more
- 2) Demonstrated ability to perform administratively at the local level
- 3) Physical and financial ability to be present at national conventions
- 4) Willingness to serve.

Continuing the report, the Board of Counsellors approved the affiliate application and approval forms and commended Mrs. Owen for the good job in preparing the forms; recommended that affiliate application forms be sent at the appropriate time to the RVPs who will forward them to all affiliates of record; requested that, because of confusion and uncertainty, some change be made in sending out membership renewal statements to affiliates; recommended that the present affiliate benefits be continued during the next year; elected Weiler and Schifferli as chairman and secretary of the Board of Counsellors for next year; and elected Barr and Silverberg to the 1982 Personnel Committee. The Board expressed its appreciation to the Board of Counsellors and commended Ensminger on the outstanding job he is doing as RVP Counsellor.

Referring to the earlier report of the Affiliates Committee, Owen agreed to the recommendation to

send affiliate applications to the RVPs. Regarding the membership renewal statements for affiliates, it was agreed to temporarily suspend this practice pending further study.

The President called for the report of the 1981 Personnel Committee (Mullin and Rasmussen, Board representatives, Copeland and Rhodes, RVP representatives, and Marie Caillet, Section representative). Rasmussen, reporting for Chairman Caillet, announced that the committee recommended the following candidates for nomination for the four regular terms expiring in 1984 and two unexpired terms ending in 1982: Janice Chesnik, Glenn F. Corlew, Marilyn Holloway, Jane Johnson, Richard Pettijohn, Ellene Rockwell, Julius Wadekamper and Phillip Williams. There being no objection, the committee's report was accepted with appreciation.

Ramsey moved, Rasmussen seconded, to renominate the three incumbents, Corlew, Rockwell and Wadekamper, for regular terms expiring in 1984. Burch moved, Rasmussen seconded, to close the nominations, and Corlew, Rockwell and Wadekamper were renominated.

Prior to recessing the meeting, Stahly advised that an executive session with only voting members present for the purpose of further consideration of candidates and voting procedures was requested, and it was so ordered to take place immediately preceding the afternoon session.

The meeting recessed at 12 noon Wednesday, and the voting directors met in executive session at 1:20 p.m. the same day. The meeting reconvened in general session at 1:30 p.m. immediately following the executive session.

Stahly announced that as determined in executive session, there could be written ballots to determine first, the nominee for the full terms position ending in 1984 with each voting director allowed one vote, and second, two nominees for the unexpired terms ending in 1982 with each voting director casting two votes. The President appointed a counting committee made up of B. Rhodes, J. Stayer and W. Machulak. The result of the first ballot was: Williams-5, Pettijohn-3, Chesnik-2, with Williams nominated for the full term ending in 1984. The second ballot count was: Pettijohn-9, Chesnik-7, Holloway-3, Johnson 1, with Pettijohn and Chesnik nominated for the unexpired terms ending in 1982.

Convention Liaison Chairman Burch reported that work on the standard operating procedure booklet for AIS conventions was proceeding, that a convention site was needed for 1985, and that a formal invitation has been received from RVP Weiler for Region 14 as the site of the 1986 AIS convention. Burch moved, Wolford seconded, to accept the invitation of Region 14 for 1986. Motion passed.

For Chairman Goula, Rasmussen presented the report of the special committee to determine the feasibility of a financial arrangement with Darryl Trott for marketing Trott iris watercolor, beginning with immediate distribution in 1981 ad continuing until such time as the Board decides this project is no longer economically or aesthetically desirable; that this commitment is to be contingent on the following terms and conditions:

- 1) The selected iris to be printed in a minimum limited edition of 300 hand signed prints selling for approximately \$50.00.
- 2) A smaller group of perhaps 50-100 hand signed and remarked copies offered to collectors at a cost of \$100.00 per print.
- 3) AIS to receive as its share, 50% of the profits from all sales of commissioned prints.
- 4) AIS to receive 25% of the purchase price of printed original watercolor if sold by the AIS.
- 5) All packaging and distribution of prints to be handled by artist and/or representative gallery.
- 6) Advertising to AIS membership to be handled by AIS through *BULLETIN* on an annual basis.

The report further recommended that the initial watercolor to be printed be of the iris CLARA GOULA, a painting already completed and available for printing; that existing Trott iris prints be made available for distribution through the AIS with the AIS receiving 50% of any profits from sales to AIS members; that a committee be appointed to select the iris for annual printing; and that guidelines for selection of the iris be adopted as specified in the report. The Board commended the committee on the report and reaction was generally favorable. However, Board members expressed concern about possible AIS liability in the case of unsold prints, the basis for determining profit, and that there should be a signed contract or agreement between Trott and the AIS. Ramsey moved, Burch seconded, to defer a decision until the November Board meeting, and directed the committee to consult an attorney to have the necessary contract or agreement drawn along the lines of the committee report and covering the questions of Board concern, and to confer with the AIS Executive Committee if necessary. Motion passed. Permission was sought to display the CLARA GOULA print at the banquet during the St. Louis convention. Ensminger moved, Rasmussen seconded, to display the print at the banquet and advise those present that it is under consideration. Motion passed.

Honorary Awards Chairman Wolford reported the committee's findings on criteria for awarding the AIS Hybridizers Medal, and recommended the following formula: HM-1 point, AM-5 points, DM-12 points; with the tabulating period extending back twenty years. The report further recommended that: This proposed formula for tabulating points may be used as a guide for

recommending hybridizers for consideration to receive the Hybridizers Medal. However, it should not be necessary to introduce an iris to commerce to become eligible to receive the medal. Any person who contributes greatly to the advancement of hybridizing in some other manner may choose to introduce few, or even none of their products into commerce, should also be eligible for the medal. Wolford moved, Burch seconded, implementation of the report. Motion carried.

Judges Handbook Special Committee Chairman Rockwell reported that work on the handbook is progressing with drafts of several chapters now in, and that Board decisions were needed on two suggested changes for allowing show awards for English Boxes and making bulbous irises eligible for Best Specimen of Show. Corlew moved, Ensminger seconded, to approve English Boxes as a section of the horticultural division of AIS approved iris shows, eligible for ribbon awards, section rosettes, and points counted toward the silver and bronze medal certificates and medals, but *not* eligible for Best Specimen of Show, with implementation effective January 1982. Motion passed. Rockwell moved, Burch seconded, that bulbous irises be made eligible for Best Specimen of Show. Motion defeated.

For the new Policy Committee, Stahly named Rasmussen as chairman. Wolford moved, Rockwell seconded, to approve the appointment. Motion passed.

Stahly advised that because Mullin is First Vice President in addition to being Membership Secretary, and in consideration of the time required for an orderly transition of the Membership Secretarial position, he was recommending that the scope of the Search Committee for a new Publication Sales Director (Librarian) be expanded to include finding a new Membership Secretary. The Board agreed. Stahly appointed Howard, Mullin and Ramsey to the Search Committee. Rasmussen moved, Owen seconded, to approve the appointments. Motion carried.

Referring to the earlier suggestion for a special committee to study affiliate matters, Ramsey moved, Burch seconded, that the President appoint an ad hoc committee to study affiliates. Motion passed. Stahly appointed Corlew, Burch and Ramsey to the committee. Ensminger moved, Owen seconded, to approve the appointments. Motion passed.

Stahly appointed Corlew and Ensminger as the Board's representatives on the 1982 Personnel Committee. Wadekamper moved, Rasmussen seconded, to approve the appointments. Motion carried.

Having reviewed the draft copy of the proposed handbook for Youth Members, the Board complimented Anning on the work she had done. Ramsey moved, Corlew seconded, to authorize the expenditure of \$200 for production and mailing of 250 copies of the booklet, with distribution to new and existing Youth Members. Motion passed.

On behalf of the Board, President Stahly expressed appreciation to the St. Louis Convention Committee for the comfortable accommodations provided and the gracious hospitality.

There being no objection, the meeting adjourned at 3:35 p.m. Wednesday, May 13, 1981.

CAROL RAMSEY, Secretary



(President's Desk Con't.)

The AIS Foundation needs and is worthy of your support. Many members have found it the perfect vehicle for contributions memorializing deceased friends and family or honoring the living. Others have included it among their bequests. As you consider making a gift, please remember that Foundation contributions from individuals qualify fully as itemized deductions for federal income tax purposes.

Thanks to your generosity, the American Iris Society has been able to move to a sound fiscal position. And so, we again commend to your attention the American Iris Society Foundation, and we solicit your support.

Commercial Directory

ALPENFLORA GARDENS

17985 - 40th AVE.

Surrey (Cloverdale) B.C. V3S 4N8

West Coast Natives and Hybrids. Many different species from the world over. Miniatures and Standard Dwarfs. All well established in 4" pots. Ready to ship and to plant any time. 20% off on U.S. currency. Quality plants - Quantity Discounts. Also, many hardy plants and perennials plus choice alpines, rockery plants, primroses.

List on request

ANDERSON IRIS GARDENS

22179 Keather Ave. N.

Forest Lake, Minn. 55025

400 varieties Northern grown TB irises at reasonable prices. Also 40 varieties of fine peonies.

List on request.

BALDWIN'S IRIS

Offering fine irises of recent introduction at attractive prices. Over 500 varieties.

TBs * BBs * SDBs
Descriptive catalog on request.
1306 Monroe Walla Walla, WA 99362

BAY VIEW GARDENS

Of Joseph J. Ghio
1201 Bay St., Santa Cruz, Calif. 95060

Send 50¢ for catalog listing. The finest in Median, Tall, Louisiana, Pacific, Siberian and Spuria irises.

BURGES IRIS GARDEN

1900 Fordham Drive
Denton, TX 76201
817-383-1946

Quality rhizomes of the newer tall bearded irises at reasonable prices.

List on request.

BROWN'S SUNNYHILL GARDENS

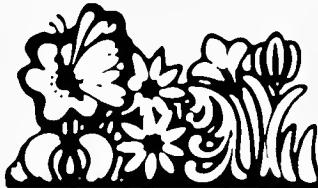
Opal L. Brown

"YOUR ASSURANCE OF QUALITY"

FEATURING THE FINEST OF MODERN TALL BEARDED IRIS

Catalog on request
— No Color —

Route 3, Box 102
Milton-Freewater
Oregon 97862



Iris
Daylilies
Peonies
Perennials

BUSSE GARDEN CENTER & NURSERY

635 E. 7th St.
COKATO, MINNESOTA 55321
"The Minnesota Perennial People"
Send \$1.00 for catalog
Credited on first order!

COPY DEADLINES

January issue	Oct. 15
April issue	Jan. 15
July issue	Apr. 15
October issue	July 15

C&A IRIS GARDENS

Growers of Quality Iris
REASONABLE PRICES
PRICE LIST ON REQUEST—
Wholesale and Retail
1320 Mary Street
Hanford, CA 93230

CAL DIXIE IRIS GARDENS

Offers Quality Iris at affordable prices. Over 1000 varieties of TBs, BBs, SDBs and remontants. Descriptive price list on request.

Herb and Sara Holk
14115 Pear St.
Riverside, CA 92504

CHARJOY GARDENS

Charles and Joyce
Arny, Jr.
117 Acacia Drive
Lafayette, La. 70508

Top Quality
Louisiana Irises
Catalog 15¢

CONTEMPORARY GARDENS

Perry Dyer
Box 534 Blanchard, OK 73010
The newest in TBs, medians and Louisianas,
featuring introductions of Perry Dyer,
Bob Raabe and Dr. W. E. Jones.
Catalogue on request

COOLEY'S GARDENS
301 S. James St.
P.O. Box 126
SILVERTON, OREGON 97381

Incomparable Iris catalog in color

FEATURING THE FINEST OF
TALL BEARDED IRISES
QUALITY RHIZOMES

Free with your first order of the season
and to our recent customers
or
Send \$2.00 for the catalog, then deduct
it from your first catalog order.

COOK'S GARDENS

6924 Pacific Hwy. E., Tacoma, WA 98424
1-206-922-7988

Featuring Siberians, Specie and
Pacific Coast Natives.
Introducing Cal-Sib Carrie Dawn
Catalog on Request

CORDON BLEU FARMS

TETRAPLOID DAYLILIES

Best of new and old IRIS

Tall Bearded
Spuria's
Louisianas

418 Buena Creek Road
San Marcos, California 92069
Catalog \$1.00

The Cherry Lane Gardens of GLENN F. CORLEW

2988 Cherry Lane
Walnut Creek, California 94596

featuring the introductions of
Glenn F. Corlew
and
Vernon Wood

Send 25¢ for catalog

COTTAGE GARDENS

22549 Center St., Hayward, CA 94541
Featuring the introductions of Bob Brown;
Virginia Messick, John Nelson, Don Denney,
Jim McWhirter

CATALOG ON REQUEST
A comprehensive collection of Tall
Bearded Iris

COTTONWOOD GARDEN

Route 2 Moville, IA 51039
Edna Moss

Our clean, highly organic farm soil
produces heavy, healthy rhizomes. Send
stamp for list of TBs and IBs. Reasonable
prices—finest quality!

D. and J. Gardens
1373 Coventry Road
Concord, CA 94518

Introductions of Joyce and Duane Meek
See our ad in the Spring *Bulletin*
No catalog. Write for prices of previous intros.

M. A. D. GARDEN

Bob and Mary Dunn introductions only
4828 Jella Way
North Highlands, CA 95660
See our ad in April Bulletin

HARDY NORTHERN BEARDED IRIS

1981 Color Catalog \$1.00

Featuring Introductions of:

Gordon W. Plough

Merle Daling

Ruby Short

Tall, Border,

Intermediate, Standard Dwarf

EDEN ROAD IRIS GARDEN

P.O. Box 117

Wenatchee, WA 98801

FOR PLEASURE IRIS GARDENS

Formerly Mount Clare Gardens
of Chicago

of

**HENRY DANIELSON &
LUELLA STOPANI**

P.O. Box 5416

El Paso, Texas 79954

ARILBRED IRIS

Since 1941

1981 introductions listed and
described in the April Bulletin
Catalog on Request

GIBSON IRIS GARDENS

146 South Villa
Porterville, CA 93257

Write for our 1981 catalog featuring current
introductions and our newest releases
listed in the April Bulletin.

IRIS LABELS

Mfg. by

TOM FOSTER

977 Meredith Court
Sonoma, CA 95476

A garden labeling method that is un-
obtrusive in the garden, durable, very
legible and easy to use.

**Send stamp for descriptive,
literature and price list.**

**4-SQUARE
IRIS GARDENS**

3237 Eisenhower St.
Eau Claire, WI 54701

1981 catalog available now
Featuring TB, IB, SDB, MDB and
Space Age Irises

Catalog 25¢
(Refundable on first order)

A. H. HAZZARD

510 Grand Pre Ave. Kalamazoo, Mich. 49007

Grower of

JAPANESE IRISES

Over 300 varieties. List on request.

HILDENBRANDT'S IRIS GARDENS

Star Route, Box 4, Lexington, NE 68850

Featuring introductions of Mrs. B. Wolff
Catalogue on request, listing 1100 varieties
of SDB, IB, BB, AB and TB Irises. Also
Oriental Poppies and Peonies

HILLVIEW GARDENS

Lilly Gartman

18461 Hillview Dr., Los Gatos, CA 95030

Choice selection of the latest
TBs and Medians
Free Catalog



ILLINI IRIS

D. STEVE VARNER
N. State St. Rd.
Monticello, IL 61856
Hybridizer and Grower

Tall Bearded,
Border Bearded and
Siberian Irises,
Tetraploid Hemerocallis

Price List on Request

COPY DEADLINES

January issue Oct. 15
April issue Jan. 15
July issue Apr. 15
October issue July 15

THE J — LOT GARDENS of Lottie Ogles

Tall Bearded irises of quality and vigor
REBLOOMING SPECIALISTS
More than one hundred varieties —
new and old

SPRING BLOOMING VARIETIES

Extensive listing of newer
introductions

Prices low — Quality high —
Satisfaction guaranteed

Send 30¢ stamp for list after March 1
Rt. #2, Box 444, Joshua, Texas 76058

KEITH KEPPEL

P.O. Box 8173
STOCKTON, CALIFORNIA 95208

Catalogue Featuring ...
1981 Introductions of
Joe Gatty
Keith Keppel
and the newest varieties of
tall bearded
medians

Available on Request to AIS Members

LA CRESTA GARDENS



of
Maryann M. Anning
12864 Viscaino Road
Los Altos Hills, CA
94022

*Catalog
on Request*



LAURIE'S GARDEN

(Lorena M. Reid)

41886 McKenzie Hwy
Springfield, Oregon 97477

Specializing in: CALIFORNICAE, JAPANESE and SIBERIAN Irises. Also grow many Cal-Sibes, Evansia, Laevigatae and other Beardless Species and Hybrids.

Descriptive price list
for stamp in May.

LOUISIANA NURSERY

Ken and Belle Durio

CHOICE LOUISIANA IRISES TETRAPLOID AND DIPLOID

OUR 31st YEAR
DESCRIPTIVE CATALOG
ON REQUEST

THIS LIST INCLUDES
MANY EXCITING
NEW DAYLILLIES

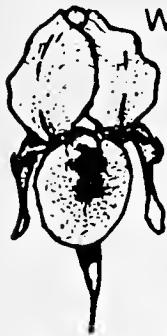
RT. 7, BOX 43
OPELOUSAS, LOUISIANA 70570

IRIS STATIONERY by TOM LITTLE

Note paper (5½" x 8½")
50 sheets: \$2.50
100 sheets: \$4.00
color or personalization 50¢ extra

Writing paper (8½" x 11")
50 sheets: \$3.50
100 sheets: \$6.50
All sheets decorated.
No envelopes.
Mixed designs.
Write for samples.

RR 2, Box 196-B
Las Cruces, NM 88001



MARYOTT'S IRIS GARDENS

Nearly two acres of irises
specializing in

- *Latest Tall Bearded
- *Dwarfs and Medians
- *Remontants, Exotica & Antiques

Featuring large quantities of the most recent varieties and offering them at exceptionally reasonable prices. The gardens are open to the public during bloom season, and AIS members are cordially invited.

Free Catalog

BILL & MELINDA MARYOTT
1678 Andover Lane
San Jose, CA 95124
(408) 265-2498

GARDEN of the ENCHANTED RAINBOW

REASONABLE Prices
Best of the OLD.
Many NEW ones.
REBLOOMERS.
Some MEDIANs.

Jordan A. & Bernice M. Miller
Rt. 4, Box 439B, Killen, Alabama 35645
Send stamp for price list.

MID-AMERICA GARDENS of Paul Black

TBs • Medians • Arilbreds
Quality rhizomes of the latest introductions to the tried and true older varieties.
Catalog on request.

Box 425

Wheatland, OK 73097

MELROSE GARDENS

309-AD Best Road South
Stockton, CA 95205

Presenting the 1981 introductions of:
D.C. Anderson, K. K. Kidd, Mrs. Walter
Savage, Sam Rix, Frank Chowning, and
a wide range of iris types
from Ben R. Hager.

Our smaller catalog will bring you a restricted listing of only the most elite irises, but still all of the fascinating types of irises and newer daylilies.

THE CONOISSEUR'S CATALOG
\$1.00 mailed first class
not deductible

MILLER'S MANOR GARDENS

Roger and Lynda Miller
Route 2, Box 323A
Ossian, IN 46777

Specializing in Miniature Dwarf,
Median and Tall Bearded Irises.

List on Request

MOUNT OLIVE IRIS GARDEN

10349 Empire Grade
Santa Cruz, CA 95060

Grower of tall bearded iris, featuring the best in the west. Mountain grown on the edge of the Pacific. Visitors welcome.

Susan Coleman, Owner List on request.

MISSION BELL GARDENS

(MELBA AND JIM HAMBLEN)

Featuring Fine Irises of
Recent Introduction

TALL BEARDED

CATALOG ON REQUEST - NO COLOR

2778 W. 5600 So.

Roy, Utah 84067

MOHR GARDENS

1649 Linstead Drive
Lexington, KY 40504

Featuring the tall bearded introductions of Dr. H. C. Mohr, David Mohr and Ken Mohr. Also, a large selection of contemporary TBs from your favorite American hybridizers.

Send stamp for catalog

PACIFIC COAST HYBRIDIZERS

Featuring
the introductions of
Bryce Williamson

Post Office Box 972
Campbell, CA 95028

Free catalogue

RIVERDALE IRIS GARDENS

Glenn and Zula Hanson
7124 Riverdale Road, Minneapolis, Minn.
55430

Featuring an extensive list of dwarfs and medians.

Free price list. No color.

RAINBOW GARDEN

Box 157
Weir, Kansas, 66781

TBs * SDBs * IBs

JOHN R. MADDOX
(formerly of Okla. City)

List on Request

HARDY NORTHERN PEONIES

Beautiful Herbaceous and
Tree Peony Hybrids. Excellent
quality. Exciting colors.

Catalog \$1.00

DAVID REATH
Vulcan, Michigan 49892

SCHLIEFERT IRIS GARDENS

Murdock, Nebraska 68407

Since 1935

Collection of all Dykes available
No catalog available this year

SCHREINER'S GARDENS

3629 QUINABY RD., NE.
SALEM, OREGON 97303

Fine Irises for discerning collectors

GROWERS - HYBRIDIZERS -
ORIGINATORS

America's Finest Iris Catalog, accurate
color illustrations, a treasure trove of
information.

\$2.00 (Deductible from 1st order)

DAVID B. SINDT-IRISES

**1331 West Cornelia, Dept. A
Chicago, Illinois 60657**

**Featuring pure pumilas, other small
bearded species, 1981 MDBs, SDBs,
AB-med by David Sindt, Oscar Keith,
Earl Roberts, J. D. Taylor and
Lothar Denkewitz.**

**Free catalog available in April.
No orders accepted after July 15.**

WINDSOR IRIS GARDENS

Jackie Norton & Jean Richey

**TB, IB, SDB, Spurias, Japanese, Louisianae
and Californicae with Californicae sdlg.
hybrids and seeds. Free List.**



**Vagabond Gardens
116 Pierson Street
Santa Rosa, CA 94501**

Featuring Taii Bearded, Medians, Reblooming, Beardless and Bearded, Lousianas, Japanese, Siberians and Pacificas.

FRANK J. FOSTER

Catalog Available on Request.

GILBERT H. WILD & SON

Dept. AIS 1081
Sarcoxie, MO 64862

Send \$2 for 96-page illustrated catalog in color featuring IRISES, PEONIES, DAYLILIES.



BULLETIN ADVERTISING RATES

Effective January 1981 Issue

COMMERCIAL DIRECTORY (Four Issues)

COMMERCIAL SIZES (in inches)
One-inch \$ 30.00 Two-inch \$ 40.00
Three-inch \$ 50.00

DISPLAY ADVERTISING (Single Issue)

One-inch	\$ 25.00	Two-thirds page	\$ 73.00
One-quarter page	31.00	Three-fourths page	82.00
One-third page	40.00	Full page	100.00
One-half page	56.00		

Full page, color \$200.00 plus color separations
Cover ads \$200.00 plus color separations
All advertising copy and photographs, except color which requires individual arrangements, must be received by the Advertising Editor by April 15 (July Issue), July 15 (October Issue), October 15 (January Issue) and January 15 (April Issue).

Send advertising copy and check payable to The American Iris Society to:

Ms. Kay Nelson, Advertising Editor

MS. KA
P O Box 37613

Omaha, NE 68137

REGIONS AND REGIONAL VICE PRESIDENTS

- 1-Maine, Connecticut, Massachusetts, New Hampshire, Rhode Island and Vermont. *Clayton H. Sacks*, West Neck Rd., Box 70, Nobleboro, ME 04555
- 2-New York. *Greg M. Schifferli*, 1211 McKinley Pwy., Lackawanna, NY 14218
- 3-Pennsylvania and Delaware. *Paul R. Smith*, 299 N. Pleasantview Rd., Sanatoga, PA 19464
- 4-Maryland, District of Columbia, North Carolina, Virginia and West Virginia. *Claire B. Barr*, 1910 Greenspring Valley Rd., Stevenson, MD 21153
- 5-South Carolina, Florida and Georgia. *Rev. Everett L. Lineberger*, Route 6, Bx 300, Inman, SC 29349
- 6- Michigan, Indiana and Ohio. *James A. Copeland*, Wolf Lake Fish Hatchery, Route 1, M-43, Mattawan, MI 49071
- 7-Kentucky and Tennessee. *Dr. Hubert C. Mohr*, 1649 Linstead Dr., Lexington, KY 40504
- 8-Wisconsin and Minnesota. *Walter A. Machulak*, S. 82 W. 12877 Acker Dr., Hales Corners, WI 53130
- 9-Illinois. *Mrs. Rita Kinsella*, 318 Marabeth, Fairview Heights, IL 62208
- 10-Louisiana. *Richard Goula*, 113 Acacia Dr., Lafayette, LA 70508
- 11-Montana, Idaho, and Wyoming. *David M. Durnford*, 1504 S. Seventh West, Missoula, MT 59801
- 12-Utah. *Keith Wagstaff*, 2424 E. Sundown Ave., Salt Lake City, UT 84121
- 13-Washington, Oregon, Alaska, Acting RVP. *J. T. Aitken*, 608 N.W. 119 St., Vancouver, WA 98665
- 14-Northern California, Hawaii an Nevada. *Dr. John H. Weiler*, 1146 W. Rialto, Fresno, CA 93705
- 15-Southern California and Arizona. *Janice Chesnik*, 418 Buena Creek Rd., San Marcos, CA 92069
- 16-Canada. *John McMillen*, Route 1, Norwich, Ontario NOJ 1PO, Canada
- 17-Texas. *Mrs. Louise Nichols*, 2703 S. Harrison, Amarillo, TX 79109
- 18-Missouri and Kansas. *Dave Niswonger*, 822 Rodney Vista Blvd. Cape Girardeau, MO 63701
- 19-New Jersey and Staten Island. *Dave Silverberg*, Spring Hill Dr., Howell, NJ 07731
- 20-Colorado. *Dr. John R. Durrance*, 4301 E. Cedar Ave., Denver, CO 80222
- 21-Iowa, Nebraska, North Dakota and South Dakota. *Leonard J. Michel*, 420 Hilltop Rd. Ames, IA 50010
- 22-Oklahoma and Arkansas. *Burdella Rhodes*, Box 78, Osage, OK 74054
- 23-New Mexico. *James A. Mahoney*, 704 Jefferson N.E., Albuquerque, NM 87110
- 24-Alabama and Mississippi. *Grady Kennedy*, 9610 Todd Mill Rd., S.E., Huntsville, AL 35803



Redouté prints. Fine quality 14" x 21" reproductions.

Iris germanica: Print \$50.00; print with French mat \$100.00; print framed (as pictured) \$200.00 (UPS paid).

Also available: *Iris pallida*, *Iris speudacorus* and *Iris monnierii* and 22 other flowers. Complete set of 26—\$900.00.

Returnable for full refund if not completely satisfied.

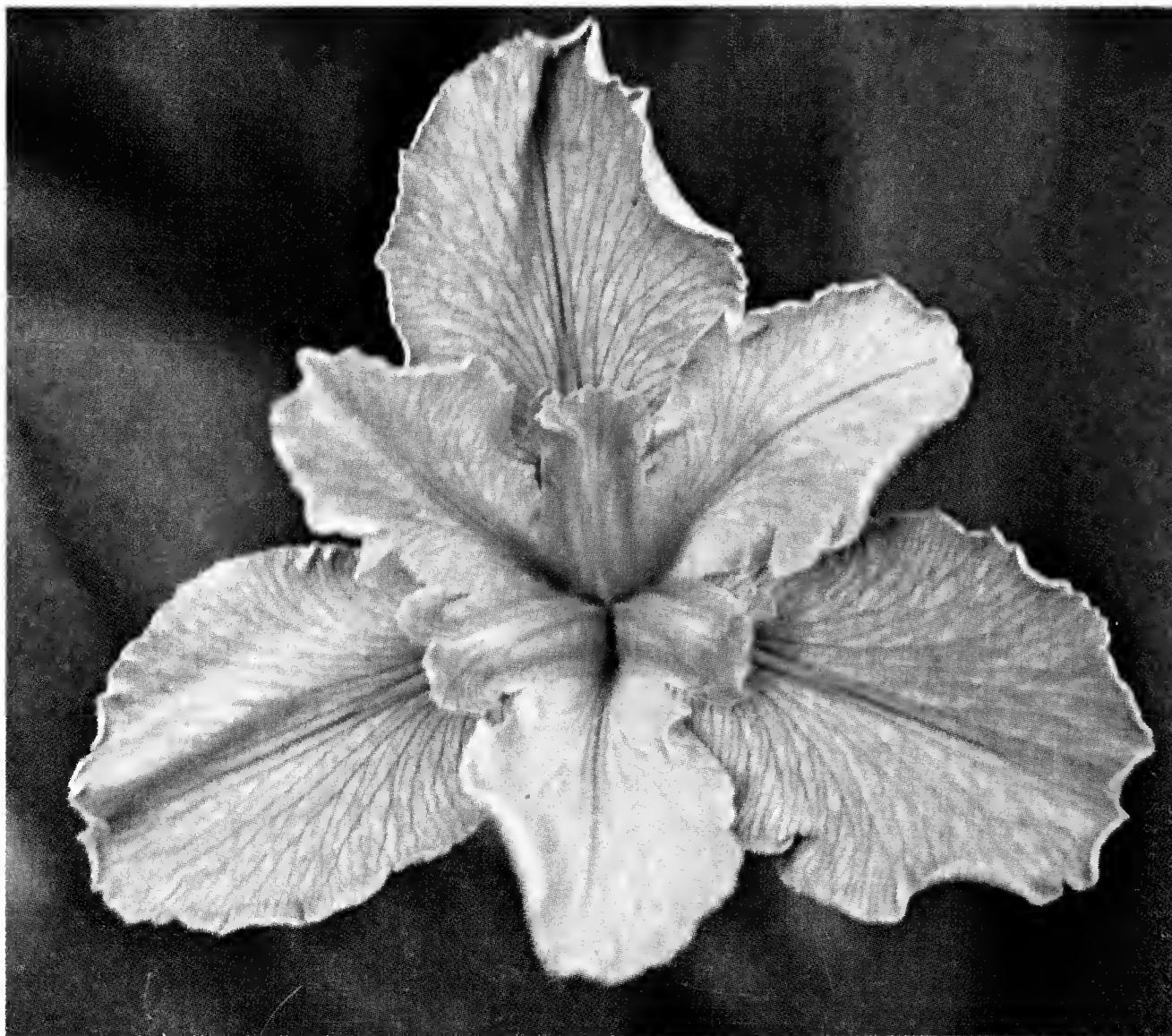
Herbert Rommel

ARNOLD ART STORE AND THE GALLERY

210 Thames Street, Newport, Rhode Island 02840
(401) 847-2273

Charjoy Gardens

117 ACACIA DRIVE
LAFAYETTE, LOUISIANA 70508
(318) 235-2742



VALERA \$25.00
(Arny '80)
Sun Fury X red sdlg.

LIBRARY

NOV 6 1981

CHARLES, JOYCE, & CHUCK ARN
LAFAYETTE, LOUISIANA

NEW YORK
BOTANICAL GARDEN

